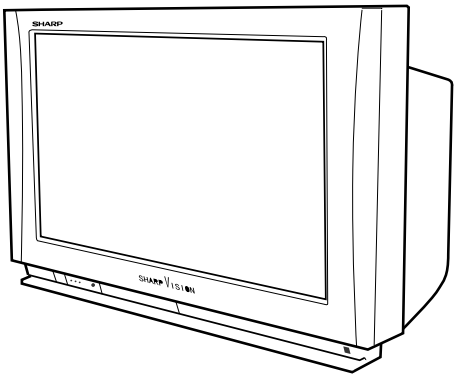
SHARP SERVICE MANUAL

S40Z134N-WF5H



COLOR TELEVISION

Chassis No. D00A

MODEL 34N-WF5H

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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ELECTRICAL SPECIFICATIONS

POWER INPUT ..... 120V AC 60 Hz
POWER RATING ..... 205 W
PICTURE SIZE ..... 3,160 cm^2 (489 sq inch)
CONVERGENCE ..... Magnetic
SWEEP DEFLECTION ..... Magnetic
FOCUS ..... Hi-Bi-Potential Electrostatic
INTERMEDIATE FREQUENCIES
  Picture IF Carrier Frequency ..... 45.75 MHz
  Sound IF Carrier Frequency ..... 41.25 MHz
  Color Sub-Carrier Frequency ..... 42.17 MHz (Nominal)
AUDIO POWER
  OUTPUT RATING .... 24 W (12 W + 12 W)(at 10% distortion and Dual CH Operate)
SPEAKER
  SIZE ..... 10 cm (BOX)(2 pcs.), Tweeter (2 pcs.)
  VOICE COIL IMPEDANCE ..... 6 ohm at 400 Hz
ANTENNA INPUT IMPEDANCE
  VHF/UHF ..... 75 ohm Unbalanced
TUNING RANGES
  VHF-Channels ..... 2 thru 13
  UHF-Channels ..... 14 thru 69
  CATV Channels ..... 1 thru 125 (EIA, Channel Plan U.S.A.)

VIDEO INPUT ..... (INPUT 1, 2, 3, 4) Composite
  Input Jack : Pin-jack × 1
  Input Level : 1 Vp-p/75 ohm/Negative Sync
S-VIDEO INPUT ..... (INPUT 1, 2, 3) Y/C
  Y : 1 Vp-p/75 ohm/Negative Sync
  C : 0.286 Vp-p/75 ohm
COMPONENT INPUT ... (INPUT 4, 5) Component (Y, P_B, P_R)
  Input Jack : Pin-jack × 3 (INPUT 4), BNC × 3 (INPUT 5)
  Input Signal : 480I, 480P, 1080I
  Y : 1 Vp-p/75 ohm/Negative Sync
  P_B, P_R : 0.525 Vp-p/75 ohm (75% Saturation Level)
HD INPUT ..... (INPUT 3) R, G, B, H.V/R, G, B
  Input Jack : D-Sub 15pin × 1
  Input Signal : 480P, 1080I
  RGB : 0.7 Vp-p/75 ohm/No Sync
AUDIO INPUT ..... (INPUT 1, 2, 3, 4, 5)
  Input Jack : Pin-jack × 2
  0.5 Vrms/22k ohm or over
LINE OUTPUT ..... Input Jack : Pin-jack × 2
  0.89 Vrms (Max)/2.2k ohm or less/Veriable

Specifications are subject to change without prior notice.

SHARP CORPORATION

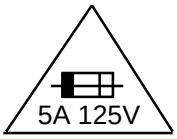
This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.
3. Semiconductor heat sinks are potential shock hazards when the chassis is operating.
4. The chassis in this receiver has two ground systems which are separated by insulating material. The non-isolated (hot) ground system is for the B+ voltage regulator circuit and the horizontal output circuit. The isolated ground system is for the low B+ DC voltages and the secondary circuit of the high voltage transformer.
   To prevent electrical shock use an isolation transformer between the line cord and power receptacle, when servicing this chassis.



CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE, REPLACE ONLY WITH SAME TYPE 5A-125V FUSE.

SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove the static charge by connecting a 10k ohm resistor in series with an insulated wire (such as a test probe) between the picture tube ground and the anode lead. (AC line cord should be disconnected from AC outlet.)

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage anode completely.

X-RADIATION AND HIGH VOLTAGE LIMITS

1. Be sure all service personnel are aware of the procedures and instructions covering X-radiation. The only potential source of X-ray in current solid state TV receivers is the picture tube. However, the picture tube does not emit measurable X-Ray radiation, if the high voltage is as specified in the "High Voltage Check" instructions.
   It is only when high voltage is excessive that X-radiation is capable of penetrating the shell of the picture tube including the lead in the glass material. The important precaution is to keep the high voltage below the maximum level specified.
2. It is essential that servicemen have available at all times an accurate high voltage meter.
   The calibration of this meter should be checked periodically.
3. High voltage should always be kept at the rated value –no higher. Operation at higher voltages may cause a failure of the picture tube or high voltage circuitry and;also, under certain conditions, may produce radiation in exceeding of desirable levels.
4. When the high voltage regulator is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be tested while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly.
5. Do not use a picture tube other than that specified or make unrecommended circuit modifications to the high voltage circuitry.
6. When trouble shooting and taking test measurements on a receiver with excessive high voltage, avoid being unnecessarily close to the receiver.
   Do not operate the receiver longer than is necessary to locate the cause of excessive voltage.

IMPORTANT SERVICE SAFETY PRECAUTION

(Continued)

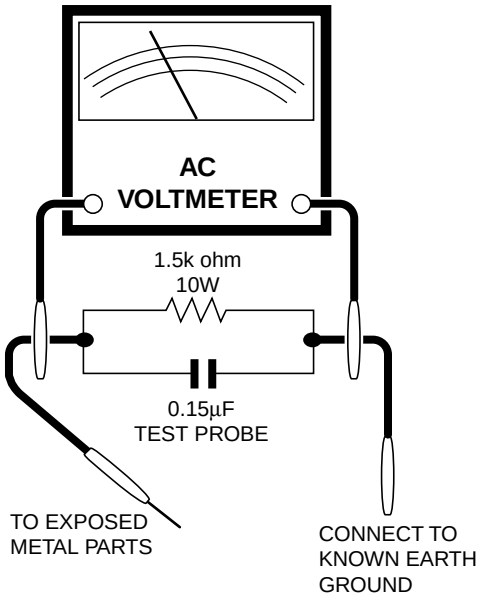
BEFORE RETURNING THE RECEIVER

(Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 120 volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.
  AII checks must be repeated with the AC ine cord plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these check.)
  Any current measured must not exceed 0.5 milliamp. Any measurements not within the limits outlined above indicate of a potential shock hazard and corrective action must be taken before returning the instrument to the customer.



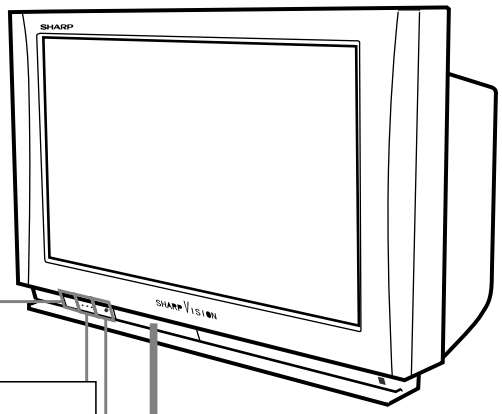
SAFETY NOTICE

Many electrical and mechanical parts in television receivers have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the ***Replacement Parts Lists*** and ***Schematic Diagrams.***

For continued protection, replacement parts must be identical to those used in the original circuit. The use of substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, X-radiation or other hazards.

LOCATION OF USER'S CONTROL

Front control section



POWER
Press → On.
Press again → Off.

LED

POWER (Stand-by: RED ON: GREEN) | VIEW TIMER (RED) | HD TV (GREEN)

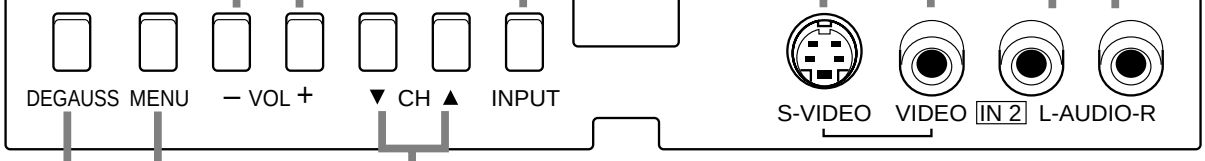
SENSOR AREA FOR REMOTE CONTROL

IN DOOR

VOL(+)/(–) buttons
(+) Increases sound
(–) Decreases sound

INPUT button
Selects Input No.

S-VIDEO input **VIDEO input** **AUDIO L/R input**



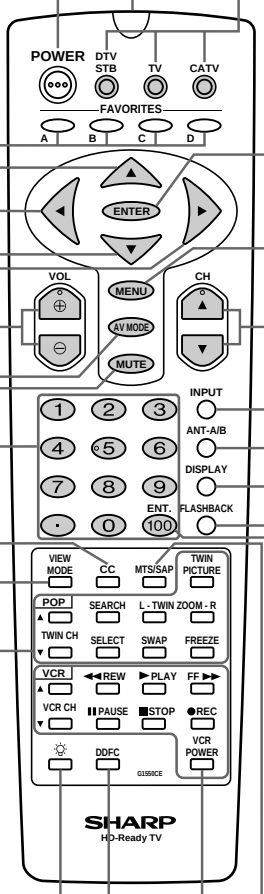
(These terminals are also provided on the rear)

MENU button
Press MENU button to access the MAIN MENU screen

CH(up)/(down) buttons
(▲) Selects next higher channel
(▼) Selects next lower channel

DEGAUSS button
Press the DEGAUSS button to improve color unevenness of the screen caused by moving the TV or changing the angle of the screen.

LOCATION OF USER'S CONTROL (Continued)



INFRARED TRANSMITTER WINDOW

Remote control mode select buttons
Use to switch the remote control unit modes.
- This remote control can be used to operate the TV, a DTV/STB Decoder and a Cable TV converter.
- By selecting one of the three mode select buttons, this remote control can be used to adjust common functions, such as channel selection, for that device.

POWER
Press → On.
Press again → Off. (Stand-by)

FAVORITES buttons
- Used to select any of four preset channels.

Cursor buttons
Used to move cursor on menu screen.

VOLUME UP/DOWN
(+) Increases sound.
(–) Decreases sound.

AV MODE

MUTE
Press → Mutes sound.
Press again → Restores sound.
- CLOSED CAPTION appears when sound is muted.

DIRECT ACCESS
Accesses any channel by the keypad.
(·) button: Sharp DTV Decoder only

CC (Closed Caption)
Displays captions during closed-caption broadcasts.

VIEW MODE
Select view size.

POP FUNCTION
With the VIDEO inputs, you can watch two pictures at the same time.

▼-TWIN CH-▲:	Used to switch the channel for the sub-picture of the TWIN PICTURE screen.
TWIN PICTURE:	Press to turn the TWIN PICTURE screen function on and off.
SEARCH:	Press to select the SEARCH screen mode.
SELECT:	Selects the screen for switching the channel or input source.
FREEZE:	When this button is pressed with the regular screen, will change to the TWIN PICTURE screen and the picture at the time the button was pressed will become the sub-picture, displayed as a frozen image.
L-TWIN ZOOM:	The left screen is enlarged with the TWIN PICTURE function.
TWIN ZOOM-R:	The right screen is enlarged with the TWIN PICTURE function.
SWAP:	The left and right screens are interchanged with the TWIN PICTURE function.

LIGHT
When this button is pressed , some buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about six seconds. This button is used for performing operations in dark places.

ENTER button

MENU
Press → Accesses MAIN MENU.
Press again → Exits MAIN MENU.

CHANNEL UP/DOWN
(+) Selects next higher channel.
(–) Selects next lower channel.

INPUT
Press → Switches to external video INPUT 1 mode.
Press again → Switches to external video INPUT 2 mode.
Press 3 times → Switches to external video INPUT 3 mode.
Press 4 times → Switches to external video INPUT 4 mode.
Press 5 times → Switches to external video INPUT 5 mode.
Press 6 times → Switches back to the original TV mode.

ANT-A/B button
Press to switch between ANTENNA-A and ANTENNA-B when you wish to watch TV.

DISPLAY
Press → Displays receiving channel for 4 seconds.
Press again → Displays remaining time of SLEEP TIMER and VIEW TIMER for 4 seconds.

FLASHBACK
Returns to previously viewed channel.

ENT.
Used in some instances where a VCR or Cable Converter Box requires an "enter" command after selecting channels, when using the DIRECT ACCESS button.

MTS/SAP
MTS/SAP select

VCR CONTROL

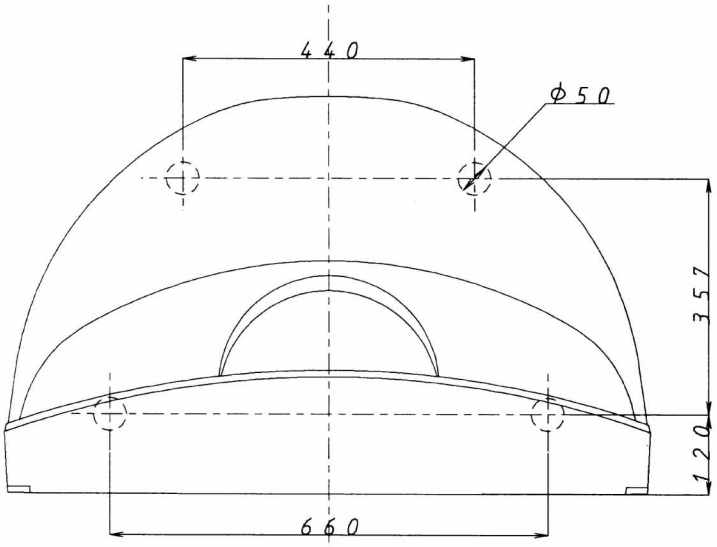
DDFC
Used to select High-quality image.

Note For use of this remote control with an analog TV.

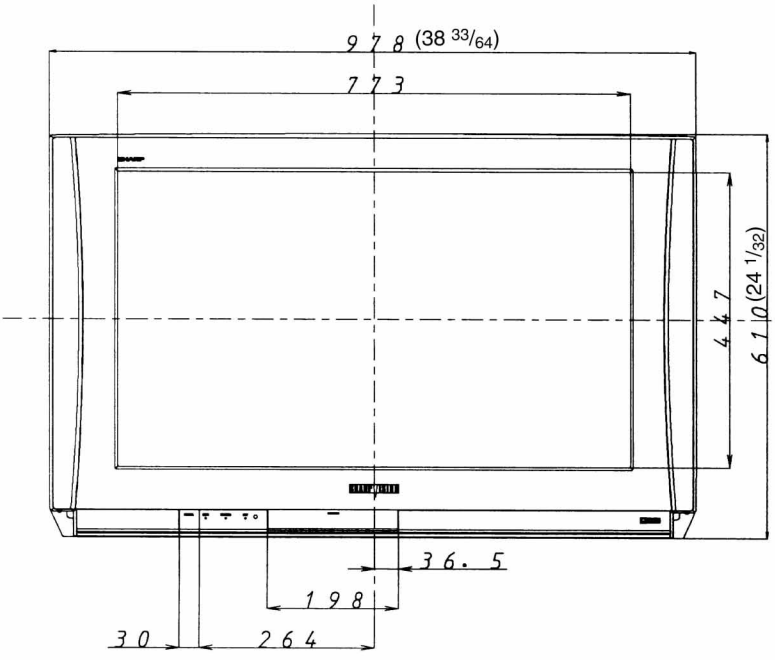
Note
- The above shaded buttons on the Remote Control glow in the dark. To use the glow-in-the-dark display on the remote control, place it under a fluorescent light or other lighting.
- The phosphorescent material contains no radioactive or toxic material, so it is safe to use.
- The degree of illumination will vary depending on the strength of lighting used.
- The degree of illumination will decrease with time and depending on the temperature.
- The time needed to charge the phosphorescent display will vary depending on the surrounding lighting.

DIMENSIONS

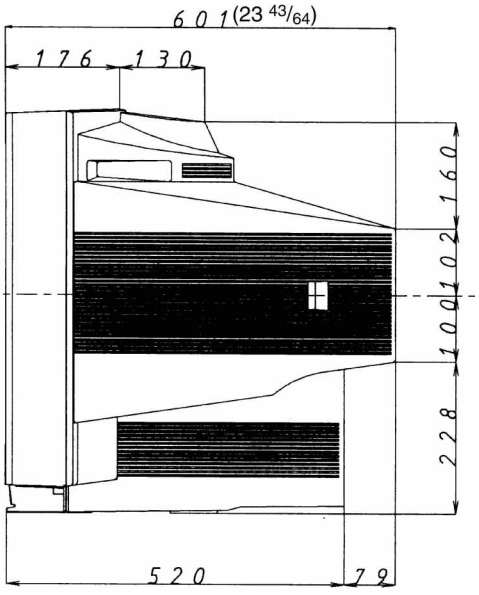
Top View



Front View



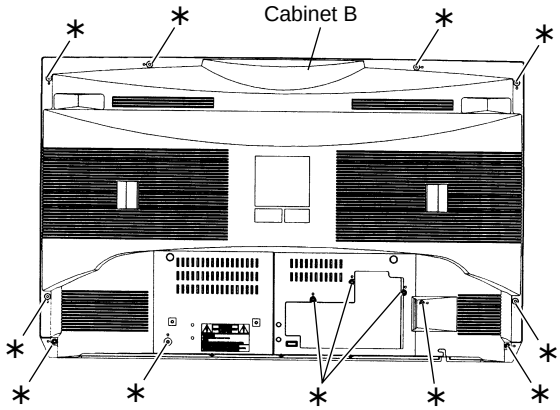
Side View

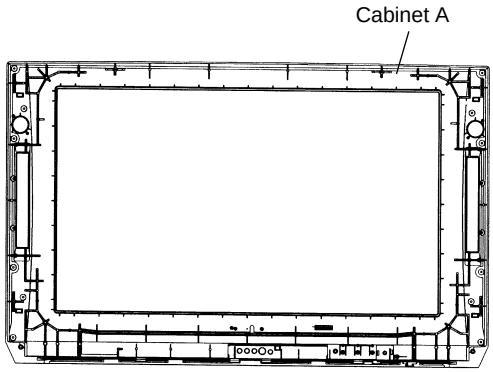


[Units: mm (inches)]

REMOVING THE MAJOR PARTS

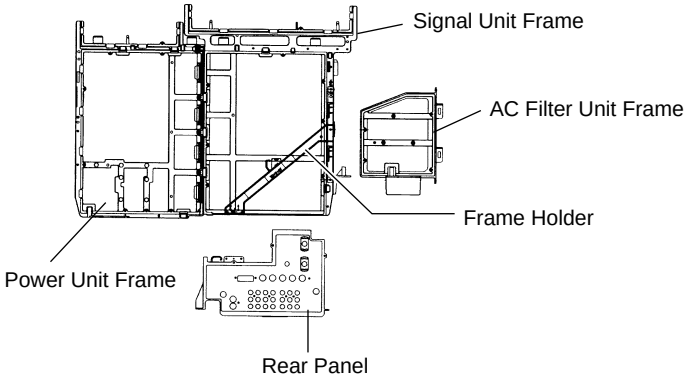
1. Remove the 13 lock screws off the rear cover.
2. Holding up the chassis frame, draw out the chassis about 5 cm ($1.^{31}/_{32}$ inch) first, disconnect the speaker leads from the signal Unit, and pull out the chassis all the way.





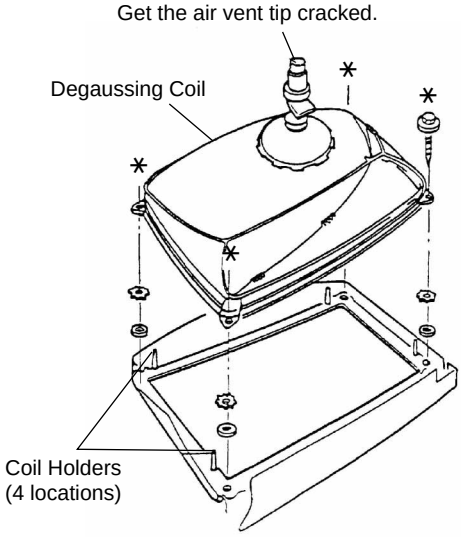
Note: Cabinet B mounting procedure and precautions

1. Position the cabinet B in parallel with the cabinet A. Start pushing in the cabinet B.
2. Insert the cabinet B until the clearance between the cabinets A and B becomes 150 mm or so. Look into the terminal opening in the back of the cabinet B to make sure the tuner PWB and shield are out of contact with the speaker guide boss.
3. Finally insert the coupling ribs of the cabinet B in this order: left rib, top rib and right rib when viewed from the back of the product.



Detaching the cathode ray tube

1. Detach the anti-magnetized coil from the four coil holders that are at the cathode ray tube corners of the cabinet.
2. Remove the four pairs of screws and nuts off the cathode ray tube, and detach the cathode ray tube. (The tube weighs about 60 kg (132.2lbs).)



Cathode ray tube handling precautions

Discharging

There may be a build-up of high-tension static electricity at the high-voltage electrode (covered with the anode cap on top of the cathode ray tube). Before taking the anode out of the cathode ray tube, get it discharged.

Carrying

The cathode ray tube weighs 60 kg (132.2lbs) or so and its shape is awkward to fit your hands. Preferably make a two-person team to carry and move the tube.

Disposal

The cathode ray tube is under high vacuum inside. Before disposing of it, get the air vent tip at the tube's neck socket cracked in order to turn the tube to the atmospheric pressure level.

Servicing precautions

1. Protector Operation

This model is provided with five protector circuits. Below discussed are the behaviors and indications of these circuits. (**Note**: In some cases, the LED flashing cycle and possible trouble spot may be inconsistent.)

① Over-current Protector Circuit:

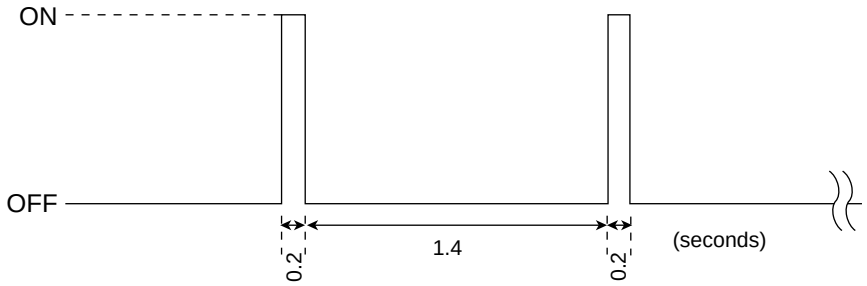
A rush current into the flyback transformer is detected. The circuit is activated if an over-current flows in.

Indication: The power LED (red) flashes once.

② X-Radiation Protector Circuit:

This circuit is activated if the rectified heater voltage rises above its specified level.

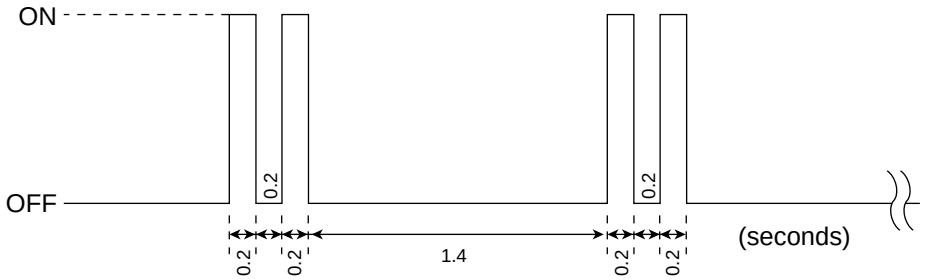
Indication: The power LED (red) flashes once.



③ Vertical Output Protector Circuit:

The vertical output is detected. The circuit is activated if the vertical output is missing (horizontal-only screen or the like).

Indication: The power LED (red) flashes twice



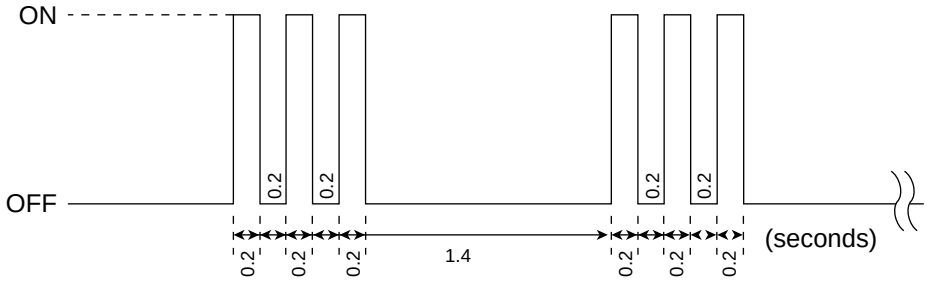
④ +B Under-voltage Protector Circuit:

The voltages at the 6V, 10V, 16V, 28V and 30V lines of the switching regulator are detected. The circuit is activated if any of the voltages drops below its specified level.

⑤ +B Over-voltage Protector Circuit:

The voltages at the 6V and 10V lines are detected. The circuit is activated if any of the voltages rises above its specified level.

Indication: The power LED (red) flashes three times.



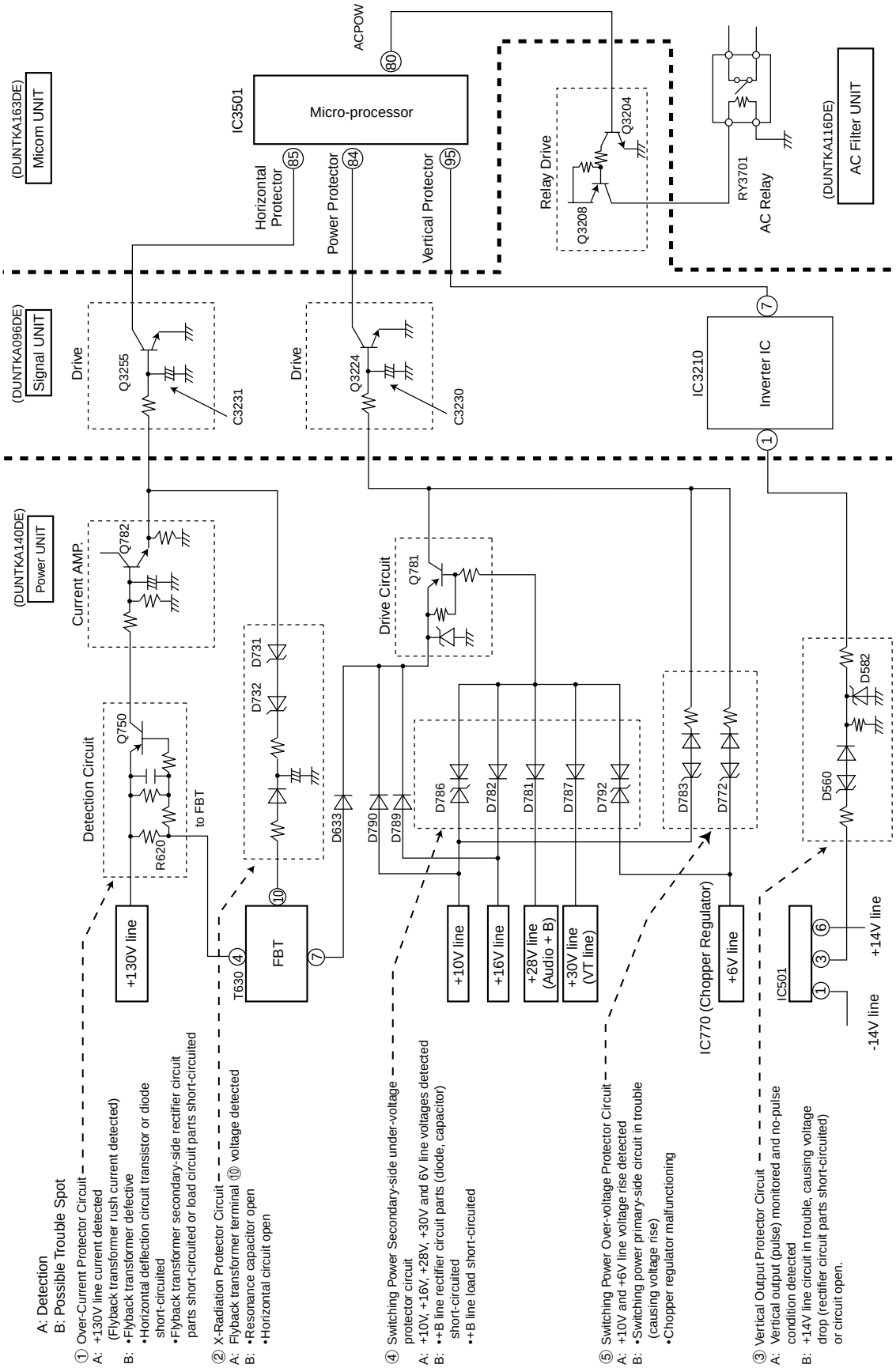
2. Stop of Protector Operation

The protector may be kept inactive by opening the detection circuits or grounding C3230 and C3231 (on the Signal Unit). The vertical output protector circuit, however, cannot be made inactive.

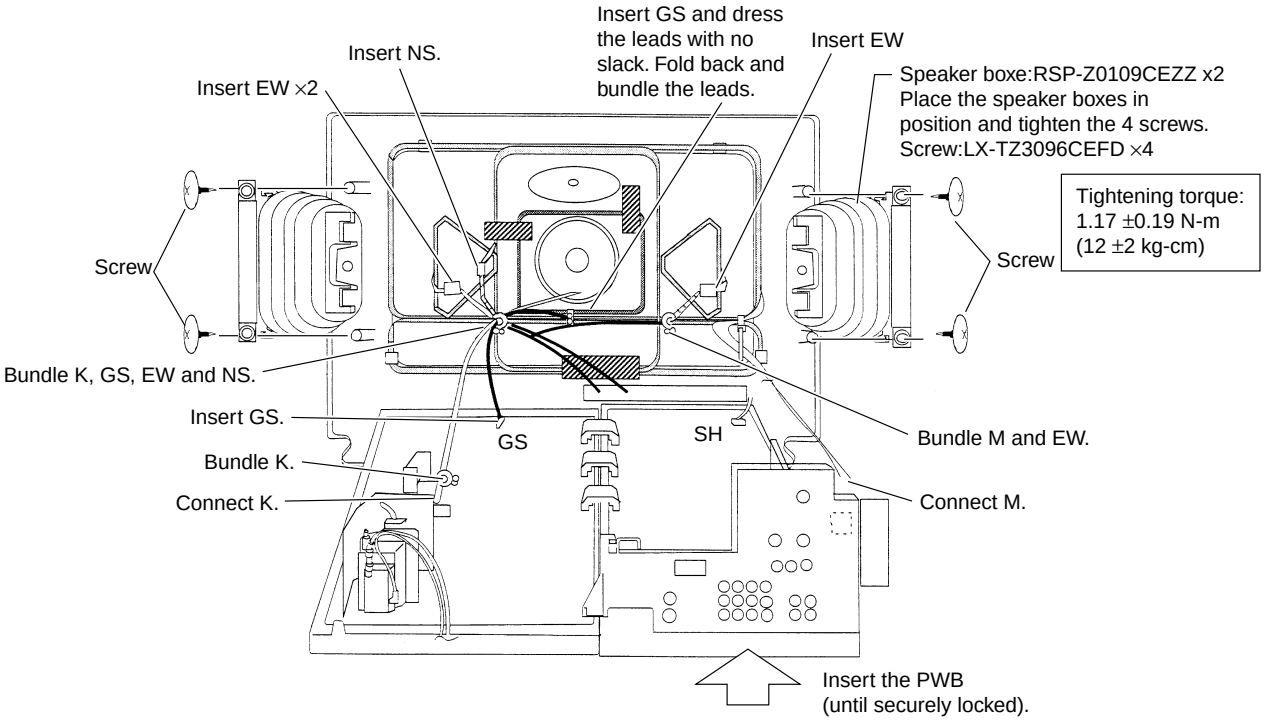
Note: Be sure to get the protector back to normal after servicing.

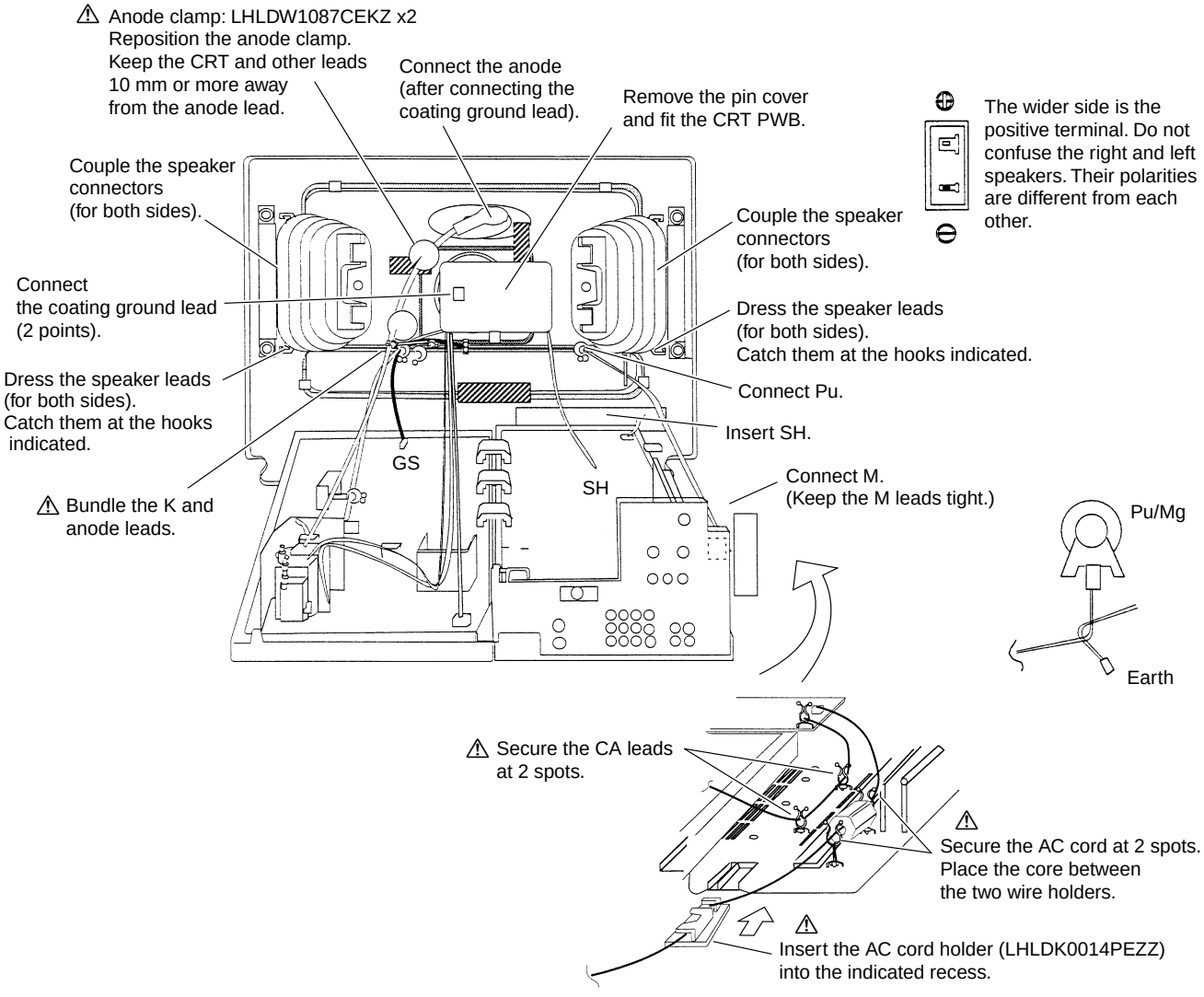
3. Self-diagnostic Function (Protector Circuit Operation)

This model is equipped with five protector circuits. Shown below are the detections of the protector circuits and possible trouble spots (outlined).



DRESSING THE LEADS




⚠ Anode clamp: LHLDW1087CEKZ x2
Reposition the anode clamp.
Keep the CRT and other leads 10 mm or more away from the anode lead.
Connect the anode (after connecting the coating ground lead).
Remove the pin cover and fit the CRT PWB.
The wider side is the positive terminal. Do not confuse the right and left speakers. Their polarities are different from each other.
Couple the speaker connectors (for both sides).
Couple the speaker connectors (for both sides).
Connect the coating ground lead (2 points).
Dress the speaker leads (for both sides). Catch them at the hooks indicated.
Connect Pu.
Dress the speaker leads (for both sides). Catch them at the hooks indicated.
Insert SH.
GS
SH
Connect M. (Keep the M leads tight.)
⚠ Bundle the K and anode leads.
Pu/Mg
Earth
⚠ Secure the CA leads at 2 spots.
⚠ Secure the AC cord at 2 spots. Place the core between the two wire holders.
⚠ Insert the AC cord holder (LHLDK0014PEZZ) into the indicated recess.

INSTALLATION AND SERVICE INSTRUCTIONS

Note: (1) When performing any adjustments to resistor controls and transformers use non-metallic screwdrivers or TV alignment tools.
(2) Before performing adjustments, the TV set must be on at least 15 minutes.

CIRCUIT PROTECTION

The receiver is protected by a 5.0A fuse (F701), mounted on PWB-F, wired into one side of the AC line input.

X-RADIATION PROTECTOR CIRCUIT TEST

After service has been performed on the horizontal deflection system, high voltage system, B+ system, test the X-Radiation protector circuit to ascertain proper operation as follows:

1. Apply 120V AC using a variac transformer for accurate input voltage.
2. Allow for warm up and adjust all customer controls for normal picture and sound.
3. Receive a good local channel.
4. Connect a digital voltmeter to TP653 and make sure that the voltmeter reads 10.9 ±0.6V.
5. Apply external 12.0V DC at TP653 by using an external DC supply, TV must be shut off.
6. To reset the protector, unplug the AC cord and plug the AC cord power on. Now make sure that normal picture appears on the screen.
7. If the operation of the horizontal oscillator does not stop in step 5, the circuit must be repaired before the set is returned to the customer.

HIGH VOLTAGE CHECK

High voltage is not adjustable but must be checked to verify that the receiver is operating within safe and efficient design limitations as specified checks should be as follows:

1. Connect an accurate high voltage meter between ground and anode of picture tube.
2. Operate receiver for at least 15 minutes at 120V AC line voltage, with a strong air signal or a properly tuned in test signal.
3. Enter the service mode (JWS mode). Enter the JWS address "170" and data "1" (Y-Mute and V-Stop).
4. The voltage should be approximately, 35.0kV (at zero beam).
   If a correct reading cannot be obtained, check circuitry for malfunctioning components. After the voltage test, make Y-mute off to the normal mode.

ELECTRICAL ADJUSTMENT

The TV set has been factory-adjusted to optimum condition. If by any chance an adjustment point gets out of spec or readjustment is needed after component part replacement, take the following steps.

- **Instruments required for servicing**
  - STB (Set Top Box)
    Use model TU-DTV1000 that is already available on the market.
  - HD Signal Generator
    Used to generate 1080I monoscope pattern.
  - NTSC Signal Generator
    Used to generate monoscope, crosshatch and half color bar patterns.

- **Calling the service mode (JWS mode)**
  Holding down the MENU button on the TV set front, turn on the power button on the TV set .
  The screen as shown in **Figure A.** appears and the TV set is now in the service mode (JWS mode).

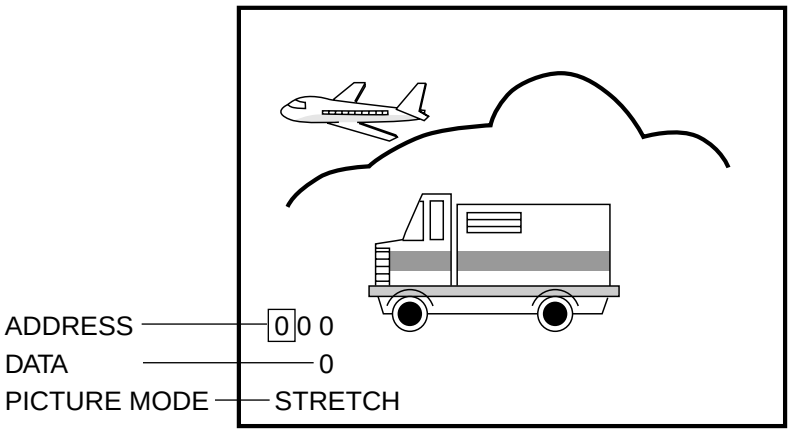


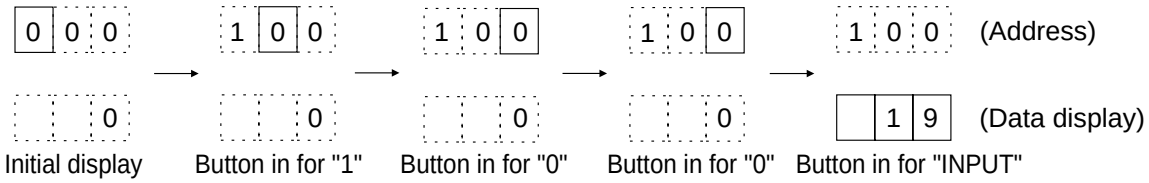
Figure A.

- **To Exit the Service Mode (JWS mode)**
  Turn the television off by pressing the power button.

- **Service Mode (JWS mode) Functions**
  1) The following adjustments and settings can be handled with the buttons on the R/C unit.
     ① Video Adjustments (Picture, Tint, Color, Brightness)
     ② Deflection Adjustments (Vertical Linearity, Vertical Size, Vertical Position)
     (Horizontal Size, Side Pincushion, Horizontal Position)
     ③ Initial Factory Settings (Initial Factory Settings 1 and 2, V-Stop Setting)
     ④ White Balance Adjustments (Red/Green/Blue Cut-off, Green/Blue Drive)
     ⑤ On-Screen Display Positioning (Horizontal Display Position)
  2) Applied buttons and their functions
     In the service mode (JWS mode), the following buttons on the R/C Unit can be used for special functions.

BUTTON	FUNCTION
1~9, 0	Used to enter numerical address settings; corresponding to numbers 0 thru 9.
100	Used as CLEAR button to go back to the initial screen.
INPUT	Used as ENTER button to input addresses and data.
VOLUME UP	Used to turn up data.
VOLUME DOWN	Used to turn down data.
POWER	Used to exit the mode.

3) Address settings (selecting adjustment and setting items)
① Using the numeric buttons (0 thru 9), type in an address from the highest digit (left) to the lowest digit (right) one by one. Each time a digit is buttoned in, the cursor moves to the next entry position.
② Using the INPUT button, enter the address. The cursor moves to the data display position and the selected address status is displayed there.
③ To adjust the white balance cut-off level, it is necessary to keep the screen cut off. It is therefore impossible to keep adjusting it with the address being displayed on-screen. (For details, refer to the White Balance Adjustment.)
• Display change example
In selecting the address "100" (vertical linearity):



✶If the wrong address has been buttoned in, use the “100” key to clear the address display and get it back to the initial one.

4) Data settings (adjusting and setting items)
① Use the VOLUME UP/DOWN buttons to modify the data.
② Use the INPUT button to enter the modified data (setting).
• For a function execute command address (factory-setting function and etc.), the INPUT button is used to select and call the function. With the adjustment function selected, the button is employed to enter the data of an item.
✶ When the data has been modified in the adjustment function, the new data will be immediately entered regardless of the INPUT button. Keep in mind, therefore, that the original data cannot be held.
• Data range
Mode Setting Function: 0 or 1
Adjustment Function: As per each adjustment item (separately discussed)

- **Initial factory settings**

When the following services have been made, it is necessary to make the initial factory settings.
1) When the IC3102 (Memory IC) has been replaced:
This IC stores the video- and deflection-related data in memory. A replacement IC3102 does not have any data written in (Adjustment 0). It is therefore required to make the initial settings 1 and 2 on it. Take the following procedure.
① Initial Factory Settings 1 (Initializing the IC)
② Initial Factory Settings 2 (Making the software menu setting data to the factory-adjustment level)
③ Various Adjustments
2) When the channel selection IC3501 (Micro-processor) has been replaced:
① Initial Factory Settings 2
When the micro-processor alone has been replaced, just make this adjustment, not any other ones.

ADDRESS	SETTING ITEM	DATA VARIABLE RANGE
001	Initial factory settings 1	0/1: Use "1"
002	Initial factory settings 2	0/1: Use "1"

Adjustment items

Video-Related Adjustment

Make the initial factory settings 2 first and then go to this adjustment.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE	REFERENCE DATA				
			NTSC Signal Input		1080I Input	HD-IN (RGB) 1080I Input	HD-IN (RGB) 480P Input
160	Picture	0~69	13		13	25(JWS173)	25(JWS173)(0~127)
162	Tint	0~127	32		32	–	–
164	Color	0~54	21		21	–	–
166	Brightness	16~174	58(480P)	63(1080I)	124	64(JWS174)	64(JWS174)(0~127)

Table A.

Deflection-Related Adjustment

Make the initial factory settings 2 first and then go to this adjustment.
In this adjustment, the data are different by the SIDE-BAR, SMART-STRETCH, CINEMA-ZOOM and STRETCH modes.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE	REFERENCE DATA										
			NTSC Signal Input								1080I Input	HD-IN (RGB) 1080I Input	HD-IN (RGB) 480P Input
			SIDE BAR		SMART STRECH		CINEMA ZOOM		STRECH				
			480P	1080I	480P	1080I	480P	1080I	480P	1080I			
100	Vertical Linearity	0~31	23	23	23	23	23	22	23	23	23	23	23
102	Vertical Size	0~96	37	44	52	59	70	80	40	47	38	37	40
105	Vertical Position	0~127	65	63	63	63	61	60	65	63	70	70	61
108	Horizontal Size	0~63	18	40	17	39	19	40	17	39	39	41	15
110	Side Pincushion Adjustment	0~63	16	19	22	26	31	36	18	22	19	18	17
112	Horizontal Position	0~127	53	60	53	60	53	60	53	60	59	61	53
114	Trapezoidal Distortion	0~127	67	67	67	67	67	67	67	67	67	67	67
116	Corner Distortion	0~31	22	23	25	26	26	27	22	23	22	22	22
118	Horizontal Compensation	0~7	2	3	2	3	2	3	2	3	3	3	2

Table B.

White Balance Adjustments

Make the initial factory settings 2 first and then go to this adjustment.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE	REFERENCE DATA				
			NTSC Signal Input		1080I Input	HD-IN (RGB) 1080I Input	HD-IN (RGB) 480P Input
			480P mode	1080I mode			
150	Red cut-off	64~255	64	64	64	64	64
152	Green cut-off	64~255	64	64	64	64	64
154	Blue cut-off	64~255	64	64	64	64	64
156	Green drive	10~117	64	64	64	64	64
158	Blue drive	10~127	64	64	64	64	64

Table C.

On-Screen Display Positioning

Make the initial factory settings 3 first and then go to this adjustment.

JWS ADDRESS	ITEM	INITIAL VALUE	DATA VARIABLE RANGE
020	On-screen Display Horizontal Position	8 (1080I mode) 14 (480P mode)	0~255

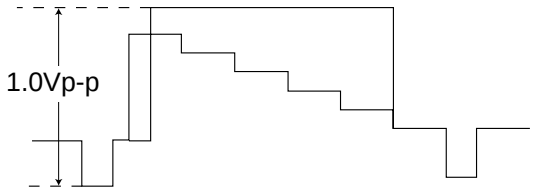
Table D.

<Note>

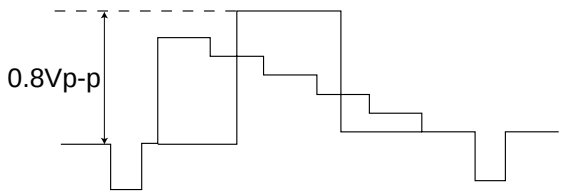
When the initial factory settings 1 have been made, the initial factory settings 2 and the line adjustment data are all cleared. This would require readjustments for all the modes.
Before replacing an IC, write down the data settings in all the modes. Note, however, that the settings may be different from unit to unit. Take the above reference data as an adjustment guideline.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE
001	Initial Factory Settings 1	Use "1"
002	Initial Factory Settings 2	Use "1"
170	Y-Mute & V-Stop Setting	Use "1"

Table E.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
1	**VCO adjustment (L205 and L255 on Tuner Unit)**	Signal: Good local channel Adjusting point: L205 and L255 Specification: 2.2 ±0.1 Vp-p	1. Receive the good local channel. 2. Connect the digital voltmeter to pins (28) and (29) of JA connector (SC1401). 3. Select the JWS address 033 and set it to "1". 4. Adjust the VCO coils (L205 and L255) to have the 2.2V level. (Main: L205, Sub: L255) 5. Set the JWS address 033 to "0". 6. Clear the JWS address 033 and quit the JWS mode.
2	**RF AGC adjustment (R219 and R269 on Tuner Unit)**	Signal: Good local channel Adjusting point: R219 and R269 Specification: No noticeable noise	1. Receive the good local channel. 2. Select the JWS address 033 and set it to “1”. 3. Adjust R219 and R269 to achieve optimum screen without noises and beats. (Main: R219, Sub: R269) 4. Receive other channel signals. Check the screen as mentioned in the above step 3. 5. Set the JWS address 033 to “0”. 6. Clear the JWS address 033 and quit the JWS mode. **Note 1:** Before switching to other channels (in Step 4 . above), take Steps 5. and 6. and quit the JWS mode. **Note 2:** When the R219 and R269 controls are set to minimum, there will be nothing seen on the screen (black raster).
3	**Detection output level adjustment (R233 and R283 on Tuner Unit)**	Signal: NTSC standard half color bar signal Adjusting point: R233 and R283 Specification: 1.0 ±0.05 Vp-p	1. Receive the NTSC standard half color bar signal. 2. Connect the oscilloscope between TP401 (TP402) on Tuner Unit and GND. (Main: TP401, Sub: TP402) 3. Using the R233 control, adjust the main IF detection output level. 4. Using the R283 control, adjust the sub IF detection output level. 

No.	Adjusting Point	Adjusting Conditions	Modulator Settings (Leader LMS237)	Adjusting Procedure
4	**Stereo separation adjustment (R329, R331, R301 and R313 on Tuner Unit)**	Adjusting point: R329, R331 Measuring terminal: (TP301) Pin (7) of IC301 Specification: 282 ±10 mVp-p	1. Internal modulation: 400 Hz 2. Monaural: 100% modulation	1. Connect the oscilloscope probe to (TP301) pin (7) of IC301. 2. Adjust the input level to 282mVp-p. 3. Switch the main and sub signals to adjust both R329 and R331.
		Adjusting point: R301 Measuring terminal: (TP303) Pin (22) of IC301 Specification: Minimum AC voltage	1. Internal modulation: 300 Hz 2. Stereo switch at ON, L-channel output (130% modulation) alone (L+R and L-R not allowed) 3. Stereo mode	1. Connect the oscilloscope probe to pin (22) (TP303) of IC301. 2. Adjust the separation control (R301) to get the AC voltage to minimum.
		Adjusting point: R313 Measuring terminal: (TP303) Pin (22) of IC301 Specification: Minimum AC voltage	1. Internal modulation: 3 kHz 2. Stereo switch at ON, L-channel output (130% modulation) alone 3. Stereo mode	1. Connect the oscilloscope probe to pin (22) (TP303) of IC301. 2. Adjust the separation control (R313) to get the AC voltage to minimum.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
5	**3D Y/C separation level adjustment (R7000: Y/C3D Unit)**	Signal: NTSC standard half color bar signal Adjusting point: (R7000: Y/C 3D Unit) Specification: 0.8 ±0.05 Vp-p	1. Receive the NTSC standard half color bar signal. 2. Connect the oscilloscope probe between pin (8) of SC3203 and GND. 3. Adjust R7000 so that the waveform amplitude of the luminance signal at pin (8) of SC3203 should be 0.8±0.05 Vp-p. **Note:** The amplitude must be measured from the black level to the white peak. 
6	**Main Y signal level adjustment (R/C, JWS address 473)**	Signal: NTSC standard half color bar signal Adjusting point: Remote Control (JWS address 473) Specification: 0.7 ±0.05 Vp-p	1. Connect the oscilloscope probe between TP1801 and GND. 2. In the twin-picture mode, receive the NTSC standard half color bar signal for the left-side screen (Main Screen). 3. Using the VOLUME UP/DOWN keys in the JWS address 473, adjust the waveform amplitude of the main luminance signal at TP1801 to 0.7±0.05 Vp-p. **Note:** The amplitude must be measured from the black level to the white peak.
7	**Main-screen tint adjustment (R/C, JWS address 162)**	Signal: Good local channel Adjusting point: Remote Control (JWS address 162) Specification: Normal flesh tones	1. Set the AV mode to "STD-1". 2. In the twin-picture mode, receive the good local channel for the left-side screen (Main screen). 3. Enter the JWS address 162. Using the VOLUME UP/DOWN keys, visually adjust the tint to the best. 4. Switch the channels. Make sure the tint is optimum on other channels.
8	**Main-screen color adjustment (R/C, JWS address 164)**	Signal: Good local channel Adjusting point: Remote Control (JWS address 164) Specification: Normal color level	1. Take the same steps 1. and 2. for the tint adjustment. 2. Enter the JWS address 164. Using the VOLUME UP/DOWN keys, visually adjust the color to the best. 3. Switch the channels. Make sure the color is optimum on other channels.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
9	**Brightness adjustment (R/C, JWS address 166) (480P/1080I)**	Signal: Good local channel Adjusting point: Remote Control (JWS address 166) Specification: Normal brightness level	1. Make this adjustment after the deflection, white balance, normal mask, purity, convergence and focus have all been completely adjusted. 2. Set to the video standard condition. (Picture at MAX, brightness and sharpness at CENTER) 3. Set the VIEW MODE to STRETCH. 4. Receive the good local channel. 5. Enter the JWS address 166. Adjust the brightness to the best point. 6. Switch to the 1080I mode. Make the same adjustment.
10	**Picture adjustment (R/C, JWS address 160)**	Signal: Good local channel Adjusting point: Remote Control (JWS address 160) Specification: Normal contrast range	1. Make this adjustment after the Y signal level has been completely adjusted. 2. Take the same steps 1., 2., 3. and 4. for the brightness adjustment. 3. Enter the R/C address 160. Adjust the picture to the best point.
11	**Sub-screen Picture adjustment (R/C, JWS address 250)**	Signal: NTSC standard half color bar signal Adjusting point: Remote Control (JWS address 250) Measuring point: TP1801 Specification: 0.7±0.05 Vp-p	1. In the twin-picture mode. Receive the NTSC standard half color bar signal for the right-side screen. 2. Connect the oscilloscope to TP1801. Enter the JWS address 250. Using the VOLUME UP/DOWN keys, adjust the amplitude between the black level and white peak to 0.7±0.05 Vp-p.
12	**Sub-screen tint adjustment (R/C, JWS address 258)**	Signal: Good local channel Adjusting point: Remote Control (JWS address 258) Specification: Normal flesh tone	1. In the twin-picture mode, receive the good local channel for the right-side screen (sub-screen). 2. Enter the JWS address 258. Using the VOLUME UP/DOWN keys, visually adjust the tint on the right-side screen to that on the left-side screen. 3. Switch the channels for the right-side screen. Make sure the tint is optimum on other channels.
13	**Sub-screen color adjustment (R/C, JWS address 259)**	Signal: Good local channel Adjusting point: Remote Control (JWS address 259) Specification: Normal color level	1. In the twin-picture mode, receive the good local channel for the right-side screen (sub-screen). 2. Enter the JWS address 259. Using the VOLUME UP/DOWN keys, visually adjust the color on the right-side screen to that on the left-side screen. 3. Switch the channels for the right-side screen. Make sure the color is optimum on other channels.
14	**Deflection distortion, vertical and horizontal position adjustments**		Discussed here are the adjustment procedures for the STRETCH-mode screen size. For the other modes, refer to **Table B.** and go to their respective procedures. Make these adjustments for the 480P and 1080I modes as well.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
15	**STRETCH-mode vertical linearity adjustment (R/C, JWS address 100)**	Signal: Monoscope pattern signal Adjusting point: Remote Control (JWS address 100) Specification: Best position	1. Set the AV-mode to "STD-1". 2. Set the screen size to STRETCH-mode. 3. Receive the monoscope pattern signal. 4. Enter the JWS address 100. Using the VOLUME UP/DOWN keys, adjust the vertical linearity to the best position.
16	**STRETCH-mode vertical position adjustment (R/C, JWS address 105)**	Adjusting point: Remote Control (JWS address 105) Specification: Center position 0±10 mm	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 105. Using the VOLUME UP/DOWN keys, adjust the vertical position to center.
17	**STRETCH-mode vertical size adjustment (R/C, JWS address 102)**	Adjusting point: Remote Control (JWS address 102) Specification: Overscan at "Table-1" and "Table-2"	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 102. Using the VOLUME UP/DOWN keys, adjust the overscan at "Table-1" and "Table-2".
18	**STRETCH-mode side pincushion adjustment (R/C, JWS address 110)**	Adjusting point: Remote Control (JWS address 110) Specification: Straight outermost line	1. Take the same steps 1. and 2. for the STERTCH-mode vertical linearity adjustment. 2. Receive the crosshatch pattern signal. 3. Enter the JWS address 110. Using the VOLUME UP/DOWN keys, adjust the outermost line to be straight. 4. Make the horizontal position and horizontal size adjustments and then finely adjust the horizontal side pincushion.
19	**STRETCH-mode horizontal position adjustment (R/C, JWS address 112)**	Adjusting point: Remote Control (JWS address 112) Specification: Symmetry about vertical center	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 112. Using the VOLUME UP/DOWN keys, achieve symmetry about the vertical center.
20	**STRETCH-mode horizontal size adjustment (R/C, JWS address 108)**	Adjusting point: Remote Control (JWS address 108) Specification: Overscan at "Table-1" and "Table-2"	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 108. Using the VOLUME UP/DOWN keys, adjust the setting to "Table-1" and "Table-2".
21	**STRETCH-mode trapezoidal distortion adjustment (R/C, JWS address 114)**	Signal: Crosshatch pattern signal Adjusting point: Remote Control (JWS address 114) Specification: Vertical lines parallel with effective area	1. Take the same steps 1. and 2. for the STERTCH-mode vertical linearity adjustment. 2. Receive the crosshatch pattern signal. 3. Enter the JWS address 114. Using the VOLUME UP/DOWN keys, adjust the vertical lines to be parallel with the effective area.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
22	**STRETCH-mode corner distortion adjustment (R/C, JWS address 116)**	Adjusting point: Remote Control (JWS address 116) Specification: Straight vertical lines	1. Take the same steps 1. and 2. for the STERTCH-mode vertical linearity adjustment. 2. Receive the crosshatch pattern signal. 3. Enter the JWS address 116. Using the VOLUME UP/DOWN keys, adjust the vertical lines to be straight.

Deflection distortion, vertical and horizontal position adjustments

Make the two-pattern adjustments in the quality-picture modes (480P/1080I).

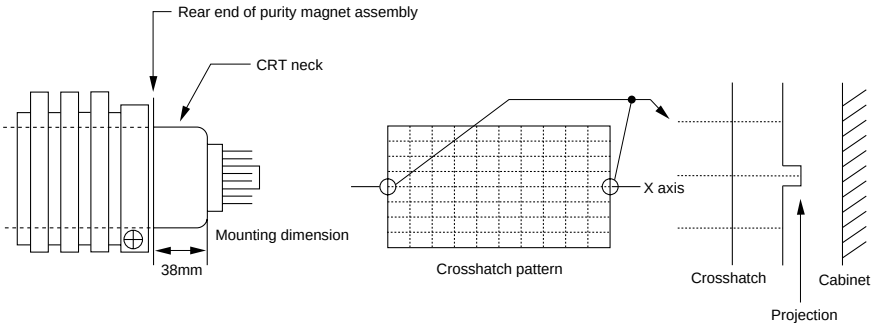
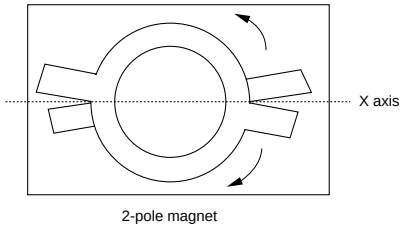
MODE		STRECH	SIDE-BAR	SMART-STRECH	CINEMA-ZOOM
			4:3		16:9
Specification	Vertical Size	(92)	(93)	(85)	(71)
	Overscan	8%	7%	15%	29%, 6%
	Horizontal Size	(92.5)	(95)	(94)	(92)
	Overscan	7.5%	5%	6%	8%
	Side Pincushion Adjustment	Outermost line	Picture edges (borders between mask and picture)		1.5 line from outermost
Adjustment items	Vertical Size (102)	○	○	○	○
	Vertical Linearity (100)	○	○	○	○
	Vertical Position (105)	○	○	○	○
	Horizontal Size (108)	○	○	○	○
	Side Pincushion (110)	○	○	○	○
	Trapezoidal Distortion (114)	○	○	○	○
	Horizontal Position (112)	○	○	○	○

Table-1.

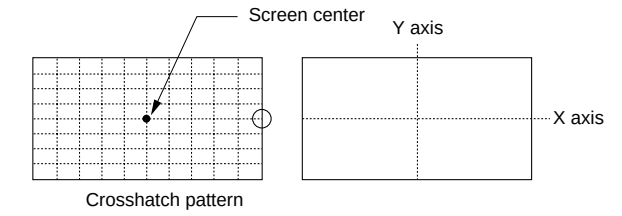
Other signal inputs

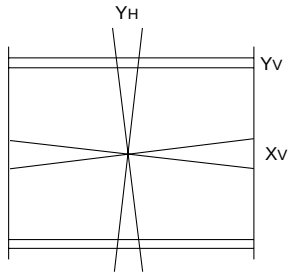
		1080I INPUT	HD-IN (RGB) 1080I INPUT	HD-IN (RGB) 480P INPUT
Specification	Vertical Size	(92)	(92)	(92)
	Overscan	8%	8%	8%
	Horizontal Size	(92)	(88)	(91)
	Overscan	8%	12%	9%
	Side Pincushion Adjustment			
Adjustment items	Vertical Size (102)	○	○	○
	Vertical Linearity (100)	○	○	○
	Vertical Position (105)	○	○	○
	Horizontal Size (108)	○	○	
	Side Pincushion (110)	○	○	○
	Trapezoidal Distortion (114)	○	○	○
	Horizontal Position (112)	○	○	○

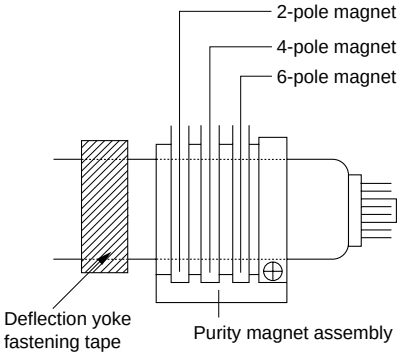
Table-2.

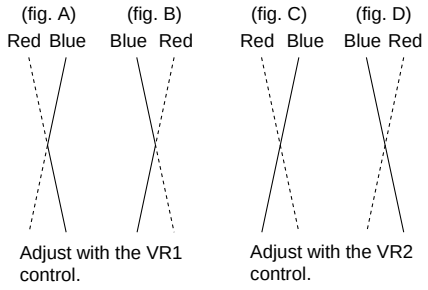
No.	AdjustingPoint	Adjusting Procedure
23	**Purity adjustment**	**Visual adjustment procedure** (1) Check the purity magnet assembly mounting position. (2) Receive the crosshatch pattern signal. (3) Adjust the raster tilt by turning the deflection yoke. (Align the projections at both ends of CRT's X axis with the screen's X axis.) (4) Using the 4-pole and 6-pole magnets, adjust the static convergence at the center of the raster. (Refer to the convergence adjustment.) (5) Check the standard mode, and receive the green-only (or white) signal from the pattern generator. (6) Keep the deflection yoke's opening horizontal together with the neck. Move the deflection yoke to and fro until the screen turns green only (or white). If the red and blue (or yellow and cyan) colors at both sides are not symmetrical, get them symmetrical by opening and closing the 2-pole magnet in reference to its axis. (7) Readjust the deflection yoke's tilt while looking at the crosshatch pattern. Tighten up the deflection yoke lock screw to secure the yoke in position. (8) Finally fix the deflection yoke opening with the wedge. **Purity magnet assembly mounting position**  

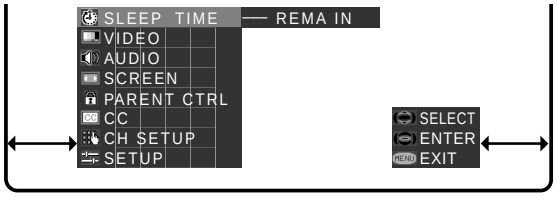
No.	AdjustingPoint	Adjusting Procedure
24	**Convergence adjustment**	(1) Static convergence adjustment a) Receive the crosshatch pattern signal. b) Adjust the red and blue colors at the screen center by opening and closing or moving the 4-pole magnet. c) Adjust the green and magenta colors at the screen center using the 6-polemagnet in the same way. (red, blue) d) Repeat the above steps b) and c) to finely adjust the green, red and blue colors at the screen center. (2) Dynamic convergence adjustment a) YH Use the YH-VR control on the DY PWB to produce the specified cross-point. If the nearby PQH (displaced vertical lines at the corners) is out of spec, readjust it by using the ferrite sheet and or moving the neck. (Do not move the neck too much, or vertical distortion may be caused or the vertical linearity will be adversely affected.) b) YV Use the YV-VR control on the DY PWB to adjust the horizontal lines at the top and bottom of the screen to optimum. (3) Look at the entire screen to see if there is no problem. Finally fix the wedge and purity magnet assembly with glass tape and lacquer.









<table>
<tr><th>No.</th><th>AdjustingPoint</th><th>Adjusting Procedure</th></tr>
<tr><td>25</td><td>White balance adjust-ment</td><td>
(1) Receive the monoscope pattern signal. Set the AV mode to "STD-1" and the quality-picture mode to "480P".
(2) Using the R/C unit keys, enter the JWS address170. Set the data "1" (Y-Mute & V-Stop).
(3) Now turn the screen control until one color (reference color) in the raster becomes dim.
(4) For the other two non-luminous colors, enter their JWS address numbers with the R/C unit keys, referring to the table below. Adjust the cut-off data so that the horizontal raster lines become whitish.
(5) Turn down the screen control to cut off the raster.
(6) Using the power switch on the set or the R/C unit, turn the power off and on again to release the horizontal status.
(7) Using the R/C unit keys, enter the JWS address numbers listed below. Adjust the drive so that the raster becomes whitish.
(8) Lower the brightness and the picture level. Check the white balance on the dark screen. If out of spec, readjust the cut-off directly.
(9) Repeat the above steps (7) and (8) to have the white balance good on the bright screen.
(10) Now adjust the brightness as well.
(11) Set the quality-picture mode to "1080I", and take the above steps (7) thru (10) again.
<table>
<tr><th>ADDRESS</th><th>ADJUSTMENT ITEM</th><th>INITIAL VALUE</th></tr>
<tr><td>150</td><td>Red cut-off</td><td>64</td></tr>
<tr><td>152</td><td>Green cut-off</td><td>64</td></tr>
<tr><td>154</td><td>Blue cut-off</td><td>64</td></tr>
<tr><td>Variable range</td><td colspan="2">64~255</td></tr>
</table>
<table>
<tr><th>ADDRESS</th><th>ADJUSTMENT ITEM</th><th>INITIAL VALUE</th></tr>
<tr><td>156</td><td>Green drive</td><td>64</td></tr>
<tr><td>158</td><td>Blue drive</td><td>64</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Variable range</td><td colspan="2">10~64~117</td></tr>
</table>
Table-3.
</td></tr>
<tr><td>26</td><td>OSD (On-screen-display) position adjustment (480P, 1080I) (R/C, JWS address 020)</td><td>
(1) Set the AV mode to "STD-1".
(2) Set the screen size to STRETCH.
(3) Receive the monoscope pattern signal.
(4) Enter the JWS address 020.
(5) Using the VOLUME UP/DOWN keys, adjust the right- and left-side pictures equally spaced.
(6) Get MENU OSD on the screen and check to see if the right- and left-side areas are equally speced. If not, take the above steps (4) and (5) again.
(7) Switch to the 1080I mode and make similar adjustment.


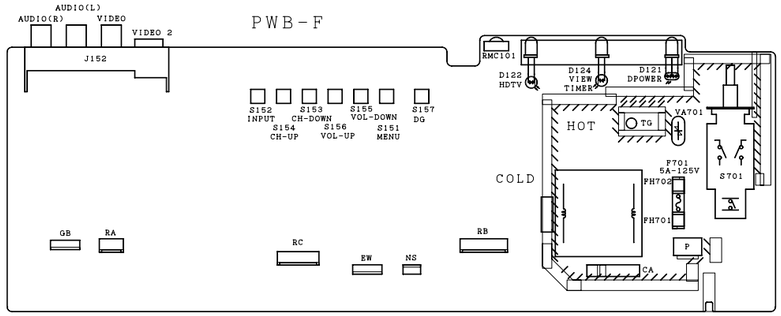
</td></tr>
</table>

No.	AdjustingPoint	Adjusting Procedure
27	**Deflection distortion, vertical and horizontal position adjustments at various signal inputs**	1. HD (component) signal input 1) Set the AV mode to "STD-1". 2) Feed the monoscope pattern (1080I) signal through the INPUT5 BNC terminal. 3) Referring to **Table-2**, take the adjustment point step **No.15** thru **22**. 2. HD-IN (1080I RGB) signal input 1) Set the AV mode to "STD-1". 2) Feed the monoscope pattern (1080I RGB) signal through the INPUT3/ HD INPUT (D-sub 15-pin) terminal. 3) Referring to **Table-2**, take the adjustment point step **No.15** thru **22**. 3. HD-IN (480P RGB) signal input 1) Set the AV mode to "STD-1". 2) Feed the monoscope pattern (480P RGB) signal through the INPUT3/ HD INPUT (D-sub 15-pin) terminal. 3) Referring to **Table-2**, take the adjustment point step **No.15** thru **22**.
28	**White balance adjustment at HD (1080I component) signal input**	1. Set the AV mode to "STD-1". Feed the monoscope pattern signal (1080I) through the IN5 BNC terminal (Y). Select and receive the INPUT5 signal. 2. Select the JWS address and make the raster look whitish. (This address is the same as for the usual white balance adjustment.) 3. Turn down the picture and brightness almost to the cut-off level. Select the cut-off adjustment address (see **Table 3.**) and adjust so that the raster turns gray. (At this time, keep the minimum-level color intact and select the JWS cut-off address for other colors.) 4. Repeat the above steps 2. and 3. and adjust the white balance on the bright screen. 5. Make the brightness adjustment as well.
29	**Tint adjustment at HD (1080I component) signal input (R/C, JWS address 162)**	1. Set the AV mode to “STD-1”. Feed the 1080I component signal through the IN5 BNC terminal. 2. Select and receive the INPUT5 signal. 3. Enter the JWS address 162. Using the VOLUME UP/DOWN keys, visually adjust to the normal flesh tones.
30	**Color adjustment at HD (1080I component) signal input (R/C, JWS address 164)**	1. Take the same steps 1. and 2. for the tint adjustment at HD signal input. 2. Enter the JWS address 164. Using the VOLUME UP/DOWN keys, visually adjust to the normal color level.
31	**Brightness adjustment at HD (1080I component) signal input (R/C, JWS address 166)**	1. Make this adjustment after the white balance adjustment at HD signal input. 2. Take the same steps 1. and 2. for the color tone adjustment at HD signal input. 3. Enter the JWS address 166. Using the VOLUME UP/DOWN keys, visually adjust to the normal brightness level.
32	**Picture adjustment at HD (1080I component) signal input (R/C, JWS address 160)**	1. Take the same steps 1. and 2. for the brightness adjustment at HD signal input. 2. Enter the JWS address 160. Using the VOLUME UP/DOWN keys, visually adjust to the normal contrast range.

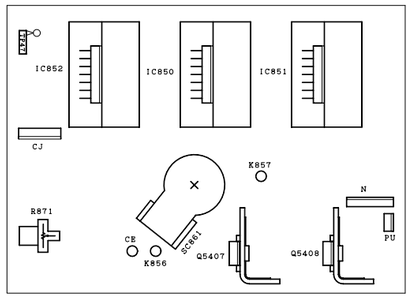
No.	AdjustingPoint	Adjusting Procedure
33	**White balance adjustment at HD-IN (1080I RGB) signal input**	1. Set the AV mode to "STD-1". Feed the monoscope pattern signal (1080I) through the INPUT3/HD INPUT (D-sub 15-pin) terminal. Select and receive the INPUT3 HD-IN signal. 2. Select the JWS address and make the raster look whitish. (This address is the same as for the usual white balance adjustment.) 3. Turn down the picture and brightness almost to the cut-off level. Select the cut-off adjustment address (see **Table 3.**) and adjust so that the raster turns gray. (At this time, keep the minimum-level color intact and select the JWS cut-off address for other colors.) 4. Repeat the above steps 2. and 3., and adjust the white balance on the bright screen. 5. Make the brightness adjustment as well.
34	**Brightness adjustment at HD-IN (1080I RGB) signal input (R/C, JWS address 174)**	1. Make this adjustment after the white balance adjustment at HD-IN signal input. 2. Take the same steps 1. and 2. for the tint adjustment at HD-IN signal input. 3. Enter the JWS address 174. Using the VOLUME UP/DOWN keys, visually adjust to the normal brightness level.
35	**Picture adjustment at HD-IN (1080I RGB) signal input (R/C, JWS address 173)**	1. Take the same steps 1. and 2. for the brightness adjustment at HD-IN signal input. 2. Enter the JWS address 173. Using the VOLUME UP/DOWN keys, visually adjust to the normal contrast range.
36	**White balance adjustment at HD-IN (480P RGB) signal input**	1. Set the AV mode to "STD-1". Input the monoscope pattern signal (480P) through the INPUT3/HD INPUT (D-sub 15-pin) terminal. Select and receive the INPUT3 HD-IN signal. 2. Select the JWS address and make the raster look whitish. (This address is the same as for the usual white balance adjustment.) 3. Turn down the picture and brightness almost to the cut-off level. Select the cut-off adjustment address (see **Table 3.**) and adjust so that the raster turns gray. (At this time, keep the minimum-level color intact and select the JWS cut-off address for other colors.) 4. Repeat the above steps 2. and 3. and adjust the white balance on the bright screen. 5. Make the brightness adjustment as well.
37	**Brightness adjustment at HD-IN (480P RGB) signal input (R/C, JWS address 174)**	1. Make this adjustment after the white balance adjustment at HD-IN signal input. 2. Take the same steps 1. and 2. for the tint adjustment at HD-IN signal input. 3. Enter the JWS address 174. Using the VOLUME UP/DOWN keys, visually adjust to the normal brightness level.
38	**Picture adjustment at HD-IN (480P RGB) signal input (R/C, JWS address 173)**	1. Take the same steps 1. and 2. for the brightness adjustment at HD-IN signal input. 2. Enter the JWS address 173. Using the VOLUME UP/DOWN keys, visually adjust to the normal contrast range.

CHASSIS LAYOUT

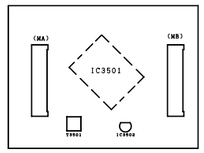
PWB-F



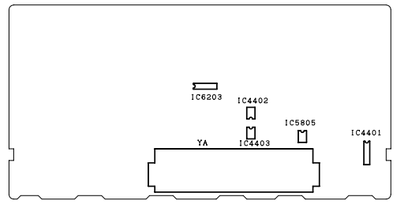
PWB-B



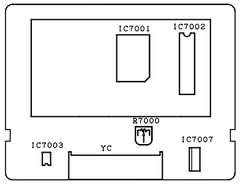
PWB-J



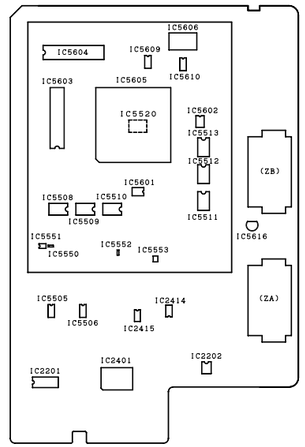
PWB-H



PWB-L



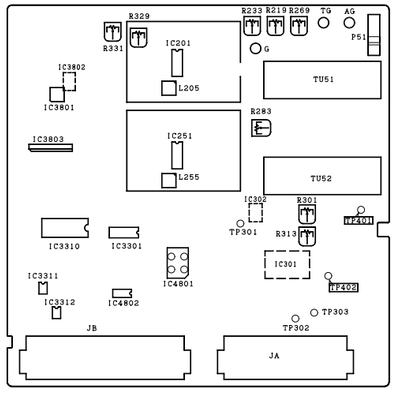
PWB-K



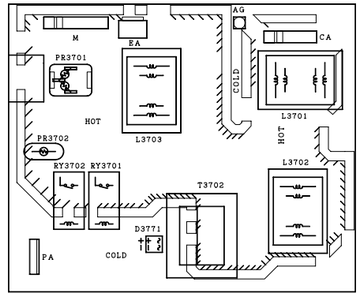
PWB-C

PWB-A

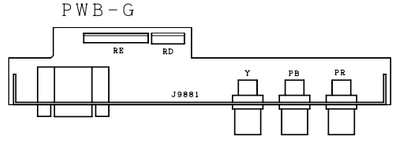
PWB-E



PWB-D

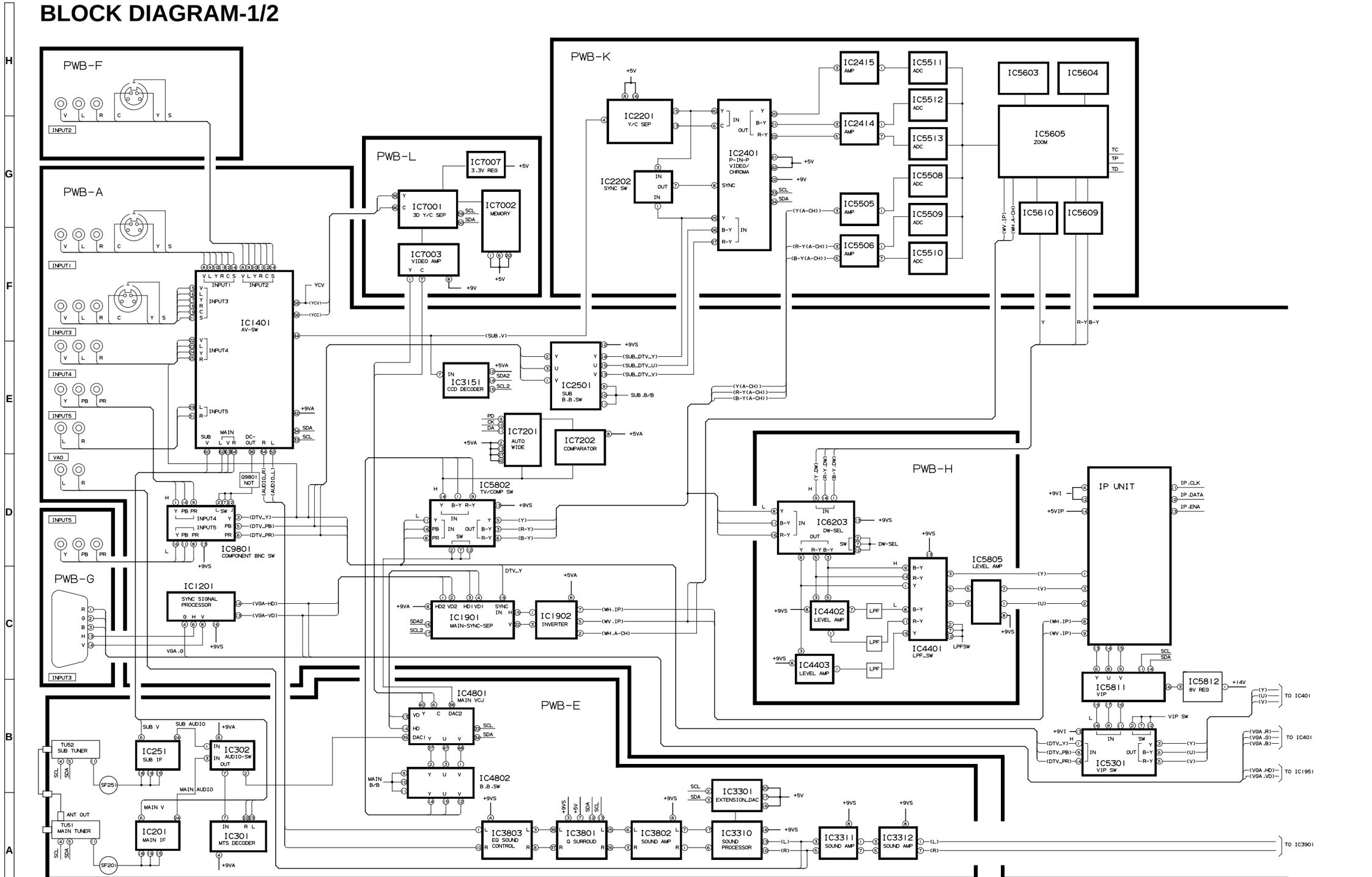


PWB-G

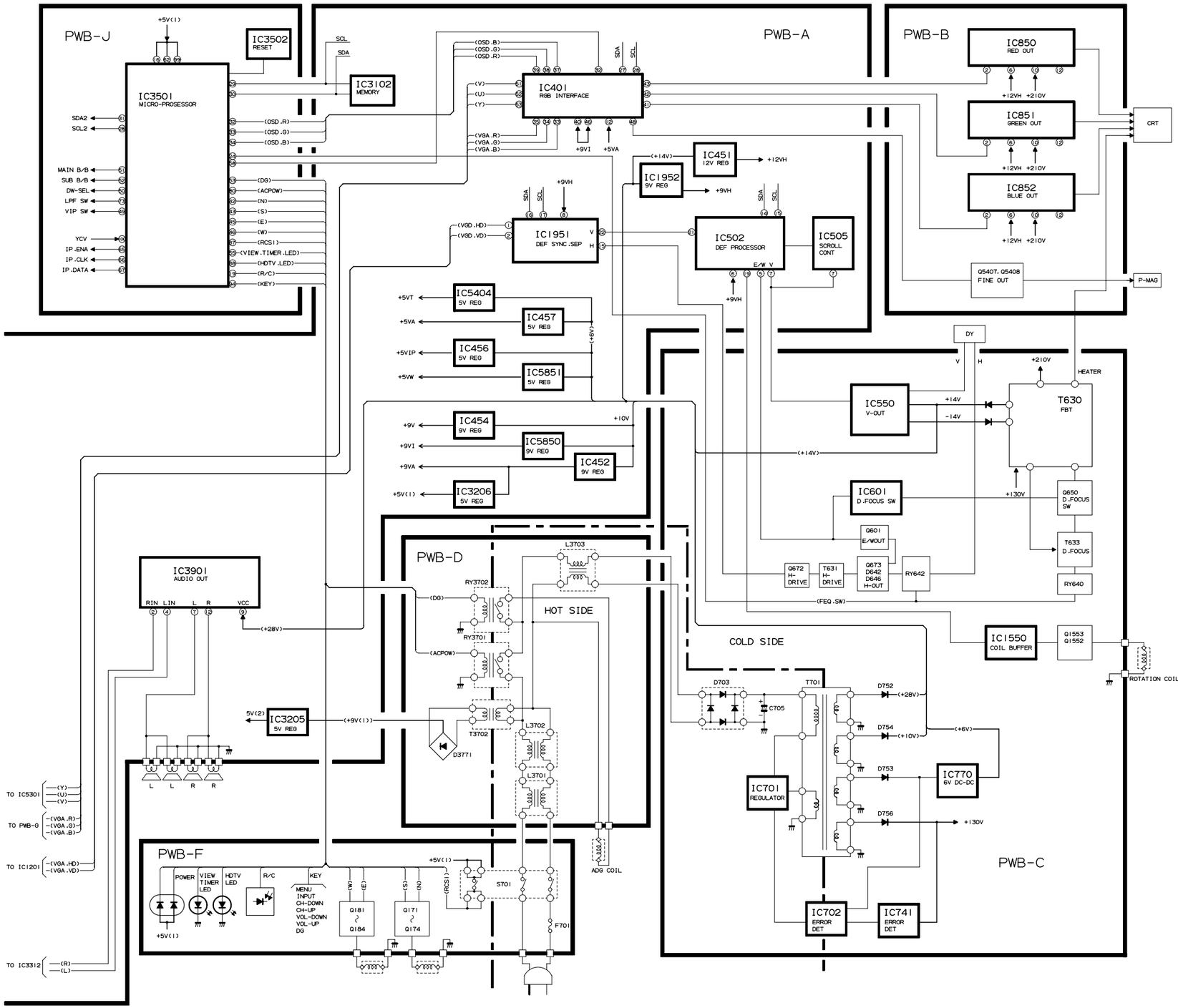


1	2	3	4	5	6	7	8	9	10	11	12

BLOCK DIAGRAM-1/2



BLOCK DIAGRAM-2/2



DESCRIPTION OF SCHEMATIC DIAGRAM

NOTES:

1. *The unit of resistance "ohm" is omitted. (K=kΩ=1000Ω, M=MΩ)*
2. *All resistors are 1/16 watt, unless otherwise noted.*
3. *All capacitors are μ F, unless otherwise noted. (P=pF=μμF)*
4. *(G) indicates ±2% tolerance may be used.*
5. *⏚ indicates line isolated ground.*

VOLTAGE MEASUREMENT CONDITIONS:

1. *All DC voltages are measured with DVM connected between points indicated and chassis ground, line voltage set at 120V AC and all controls set for normal picture unless otherwise indicated.*
2. *All voltages measured with 1000μ V B & W or Color signal.*

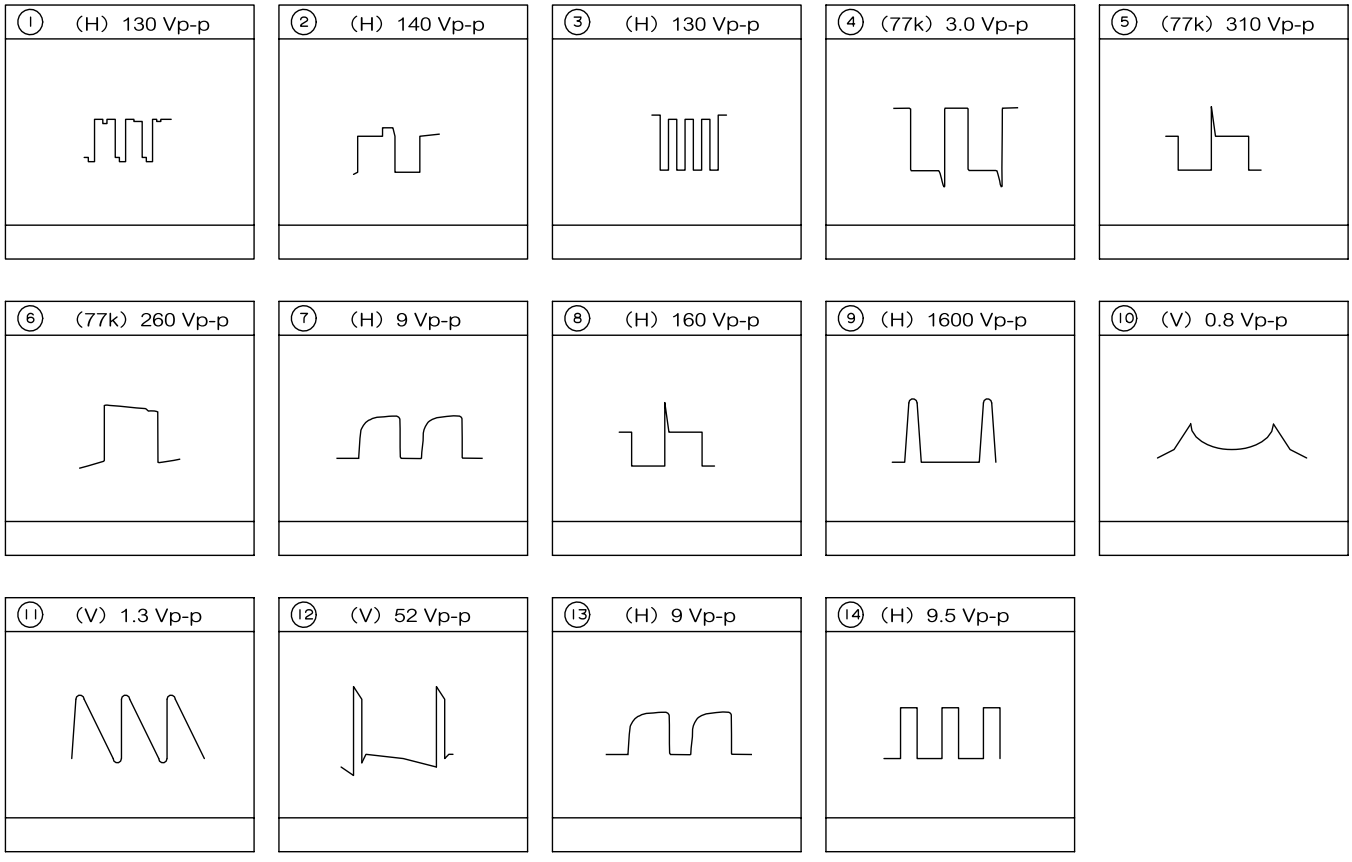
WAVEFORM MEASUREMENT CONDITIONS:

1. *Photographs taken on a standard gated color bar signal, the tint setting adjusted for proper color. The wave shapes at the red, green and blue cathodes of the picture tube depend on the tint, color level and picture control.*
2. *◯▶ indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)*

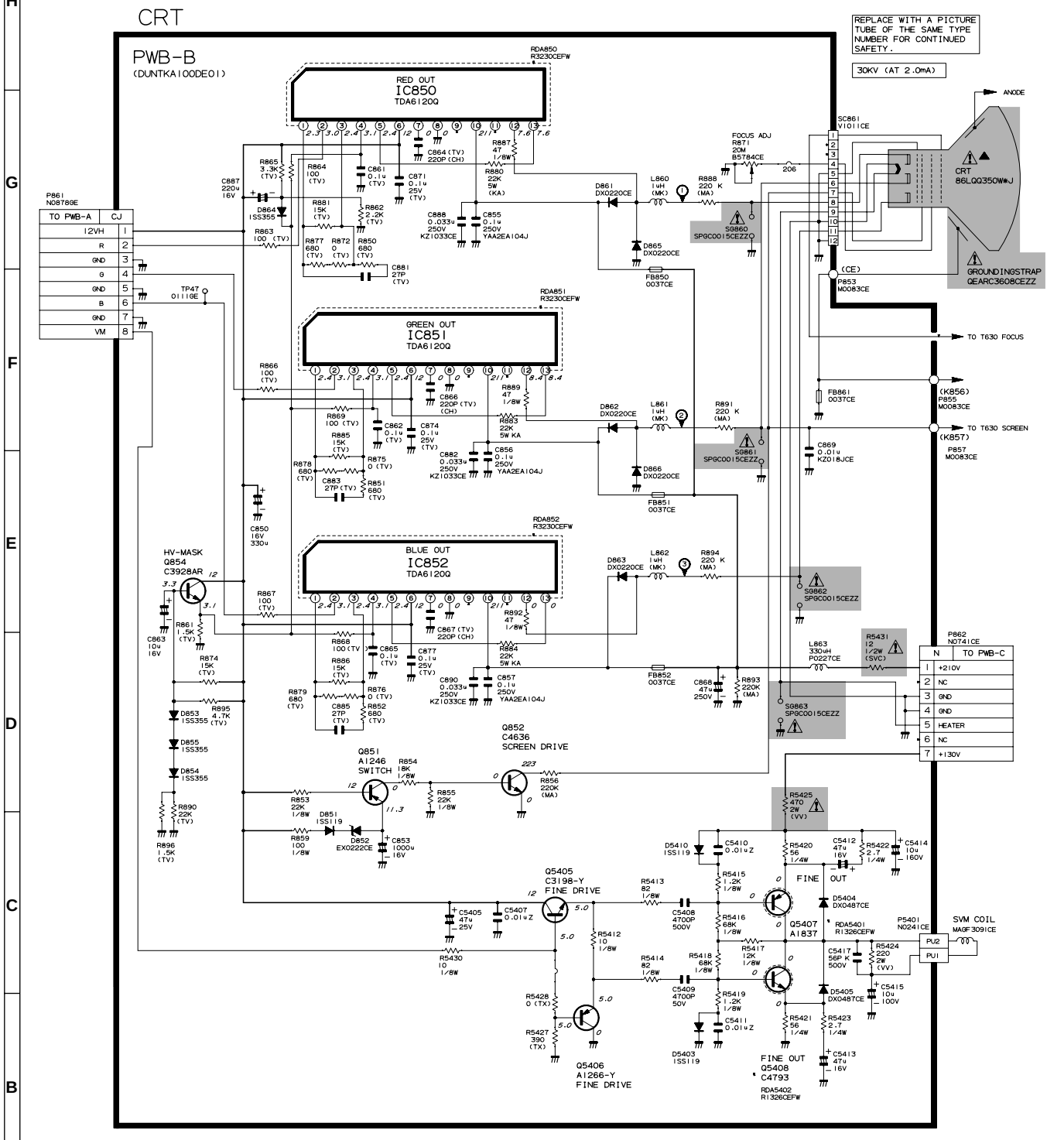
⚠ AND SHADED ( ) COMPONENTS = SAFETY RELATED PARTS.
▲ MARK= X-RAY RELATED PARTS.

This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.

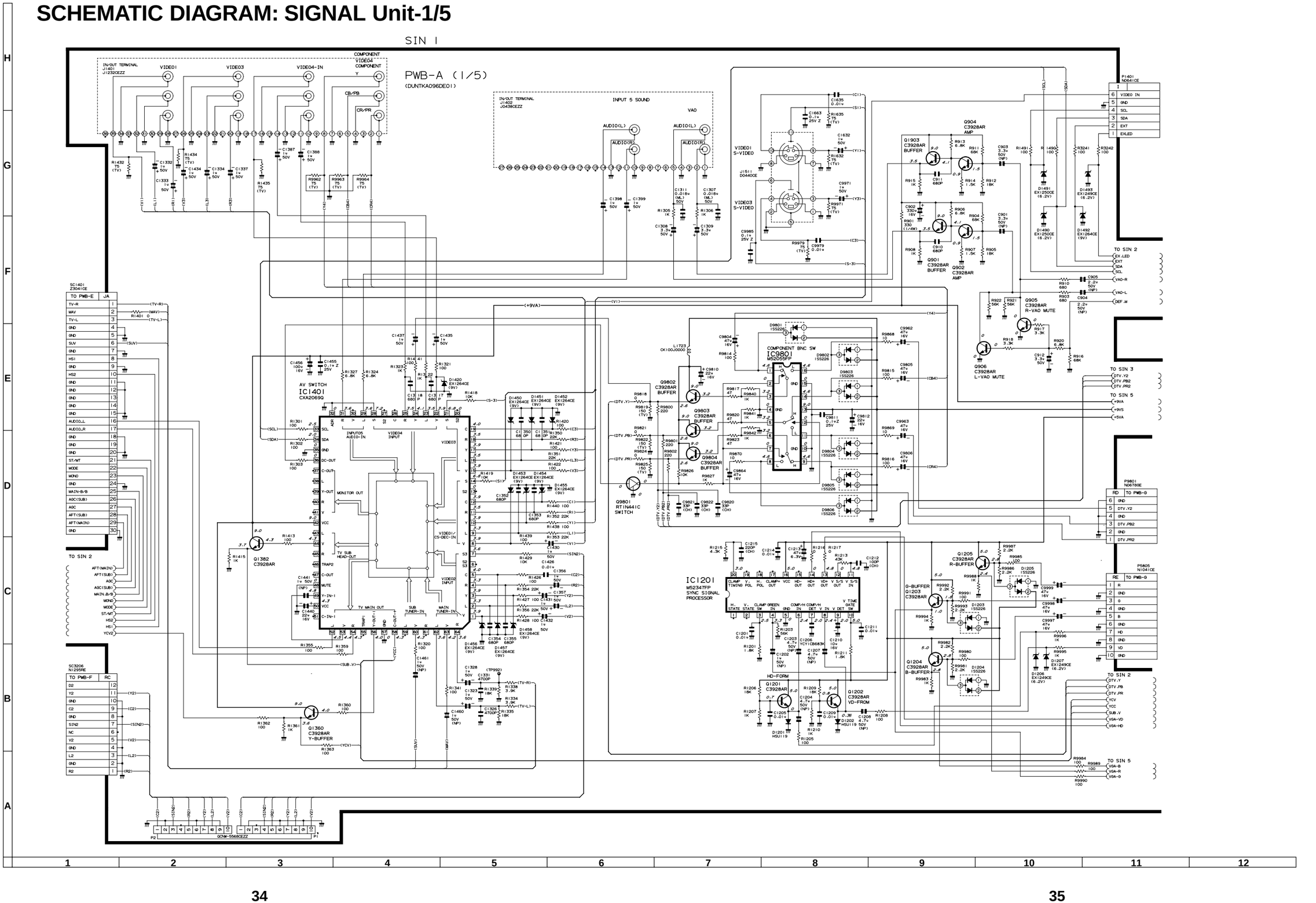
WAVEFORMS


① (H) 130 Vp-p
② (H) 140 Vp-p
③ (H) 130 Vp-p
④ (77k) 3.0 Vp-p
⑤ (77k) 310 Vp-p
⑥ (77k) 260 Vp-p
⑦ (H) 9 Vp-p
⑧ (H) 160 Vp-p
⑨ (H) 1600 Vp-p
⑩ (V) 0.8 Vp-p
⑪ (V) 1.3 Vp-p
⑫ (V) 52 Vp-p
⑬ (H) 9 Vp-p
⑭ (H) 9.5 Vp-p

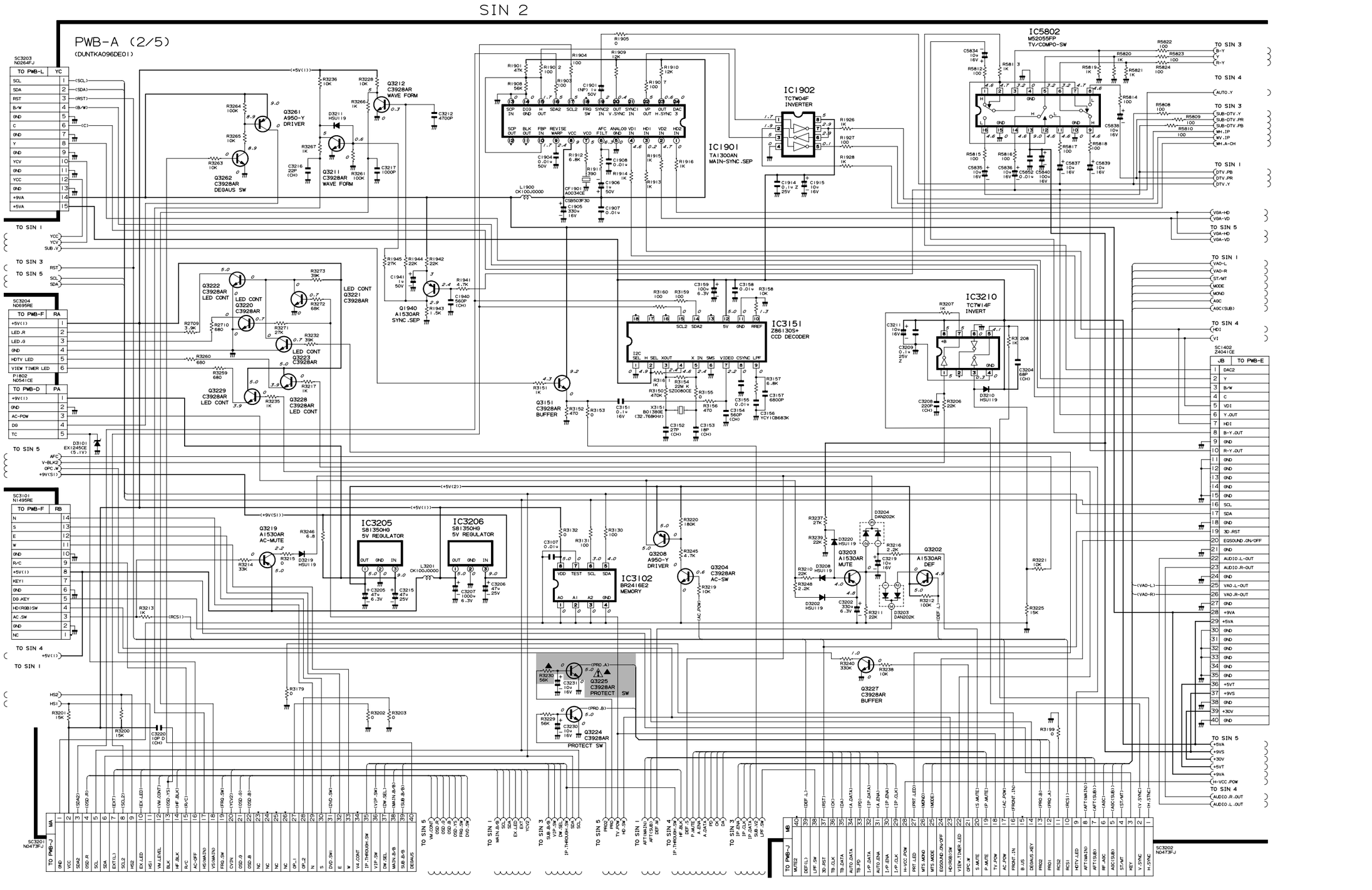
SCHEMATIC DIAGRAM: CRT Unit



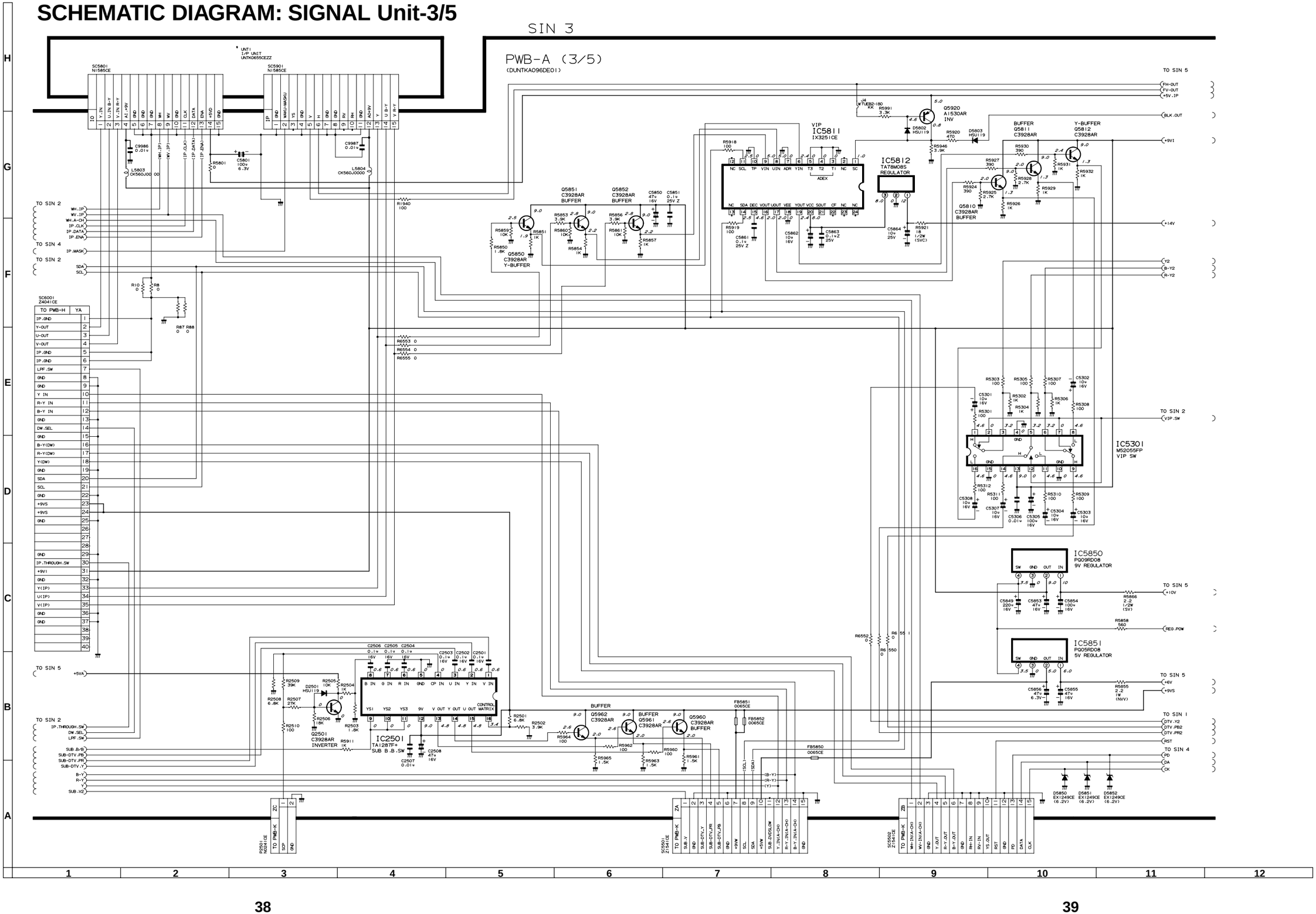
SCHEMATIC DIAGRAM: SIGNAL Unit-1/5



SCHEMATIC DIAGRAM: SIGNAL Unit-2/5

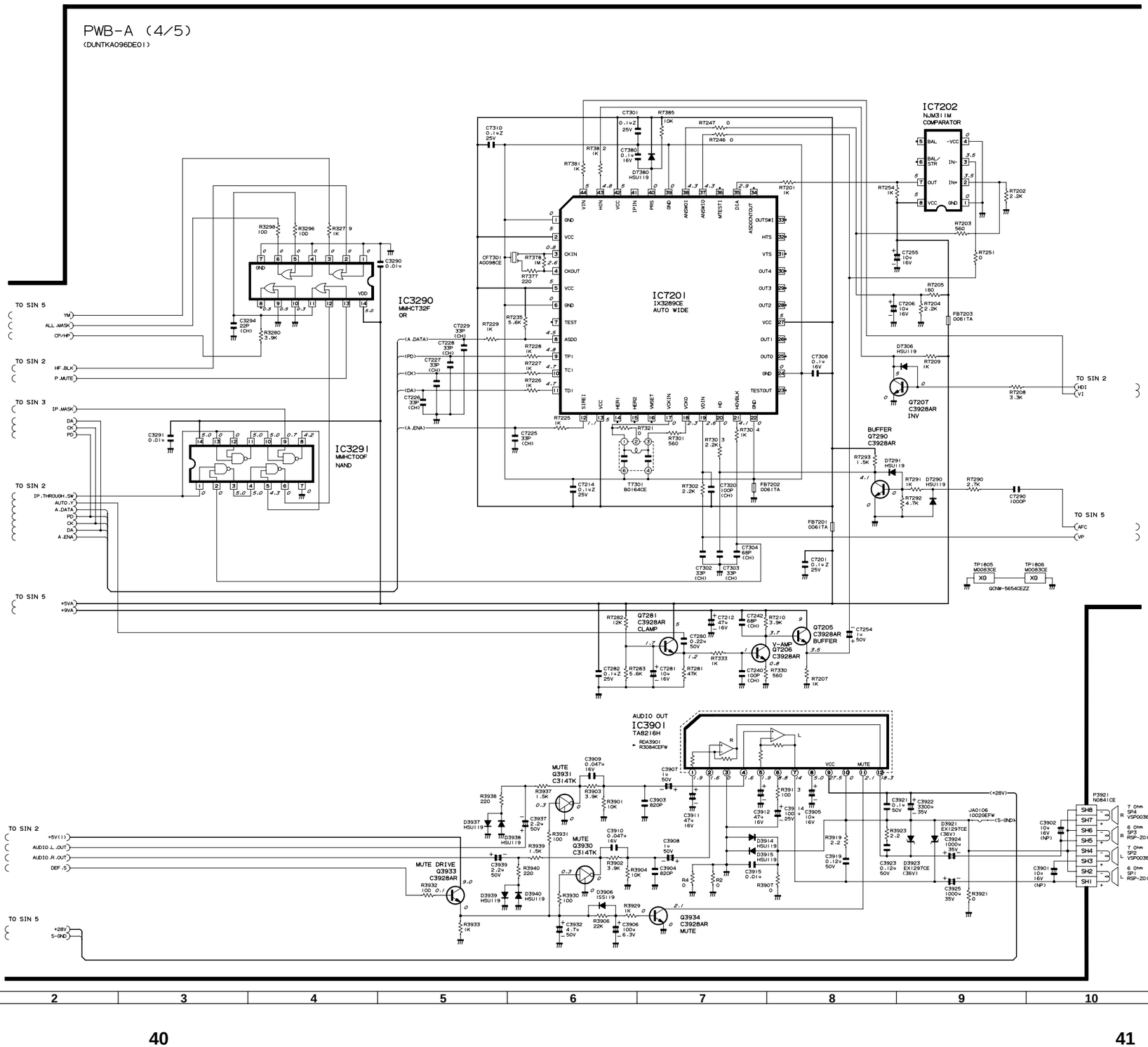


SCHEMATIC DIAGRAM: SIGNAL Unit-3/5



1	2	3	4	5	6	7	8	9	10	11	12

SCHEMATIC DIAGRAM: SIGNAL Unit-4/5

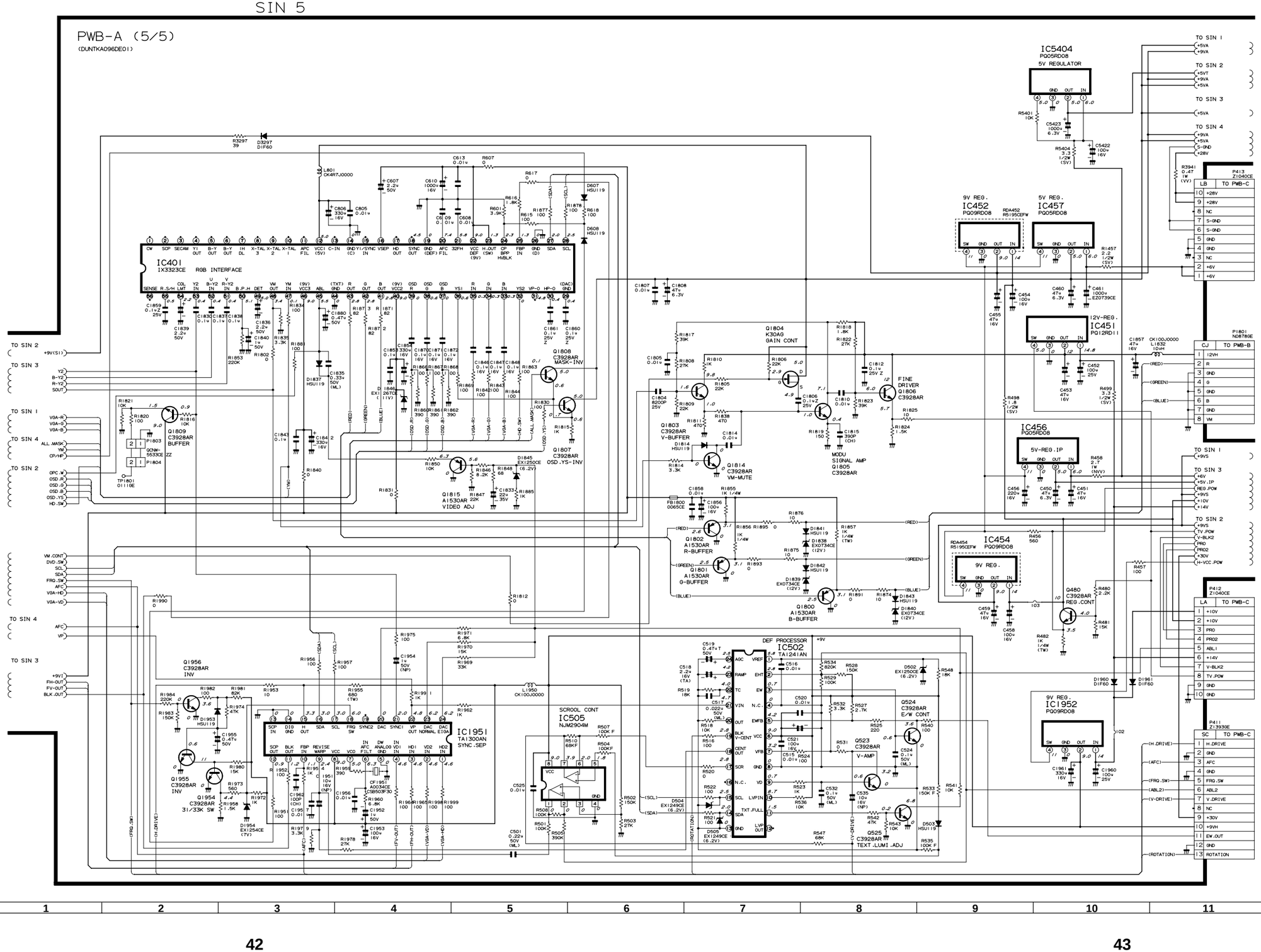


1	2	3	4	5	6	7	8	9	10	11	12

SCHEMATIC DIAGRAM: SIGNAL Unit-5/5

SIN 5

PWB-A (5/5)
(DUNTKA096DE01)



SCHEMATIC DIAGRAM: POWER Unit

POWER

PWB-C
(DUNTKA140DE01)

(THIS AREA IS COLD SIDE.)

(THIS AREA IS HOT SIDE.)

SC751 Z13946E

TO PWB-A	SC
H-DRIVE	1
GND	2
AFC	3
GND	4
H31/33K(RIKAE	5
ABL2	6
V-DRIVE	7
NC	8
+30V	9
+9VH	10
EW.OUT	11
GND	12
ROTATION	13

P702 N02690E

TO PWB-D	EA
AC(C)	2
AC(H)	1

P1551 N0341CE

GS1	
GS2	
GS3	

L1551 R0443CE ROTATION COIL

P601 N0160FJ

K1	
K2	
K3	
K4	
K5	

P610 N0441CE

GB	TO PWB-F
1	+14V
2	+28V
3	HD(RGB)SW
4	GND

P751 N0741CE

N	TO PWB-B
1	+210V
2	NC
3	GND
4	GND
5	HEATER
6	NC
7	+130V

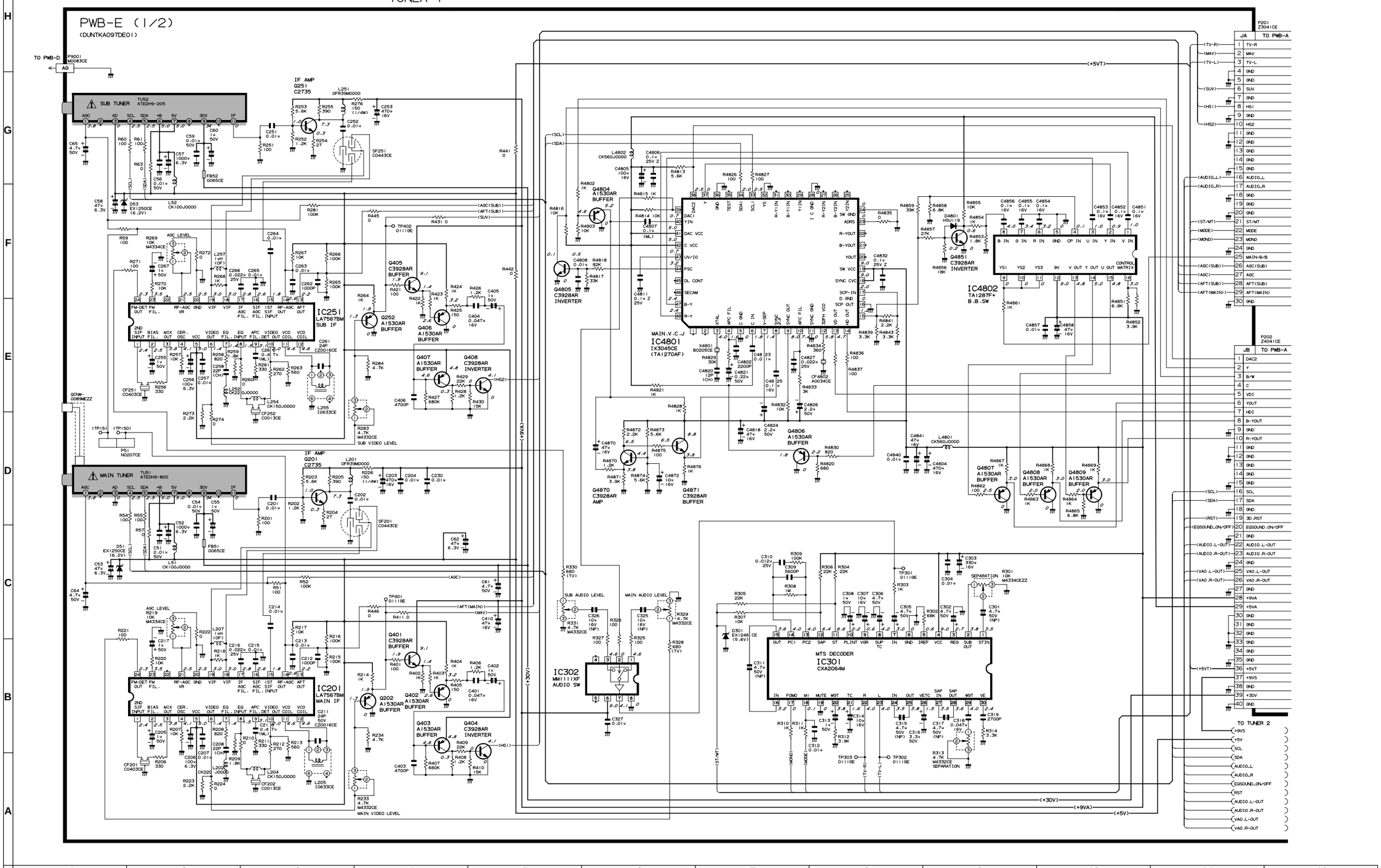
SC752 Z1040CE

LB	TO PWB-A
10	+28V
9	+28V
8	NC
7	S-GND
6	S-GND
5	NC
4	GND
3	GND
2	+6V
1	+6V

SC753 Z1040CE

LA	TO PWB-A
1	+10V
2	+10V
3	PRO
4	PRO2
5	ABL1
6	+14V
7	V-BLK2
8	NC
9	GND
10	GND

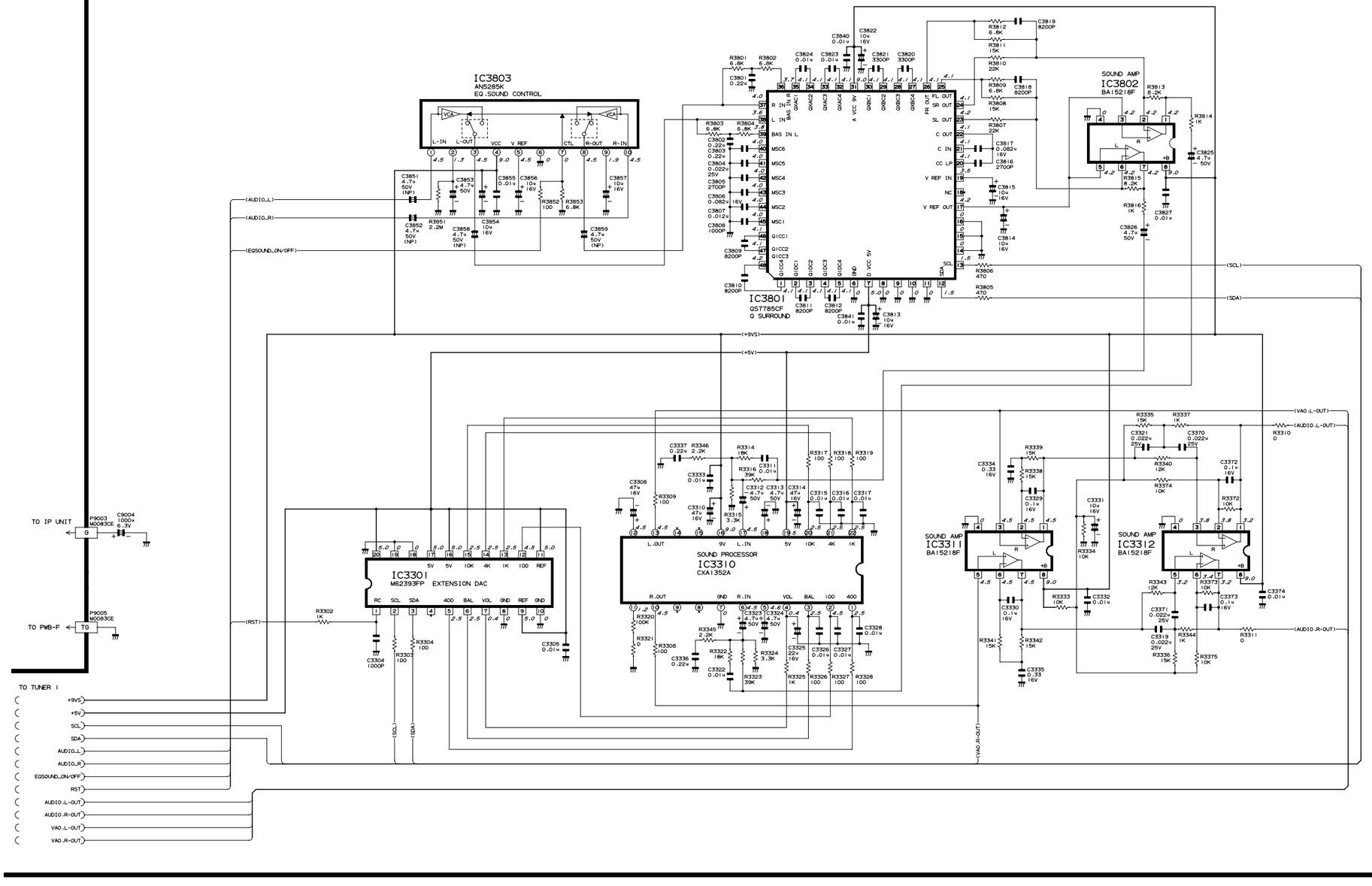
SCHEMATIC DIAGRAM: TUNER Unit-1/2



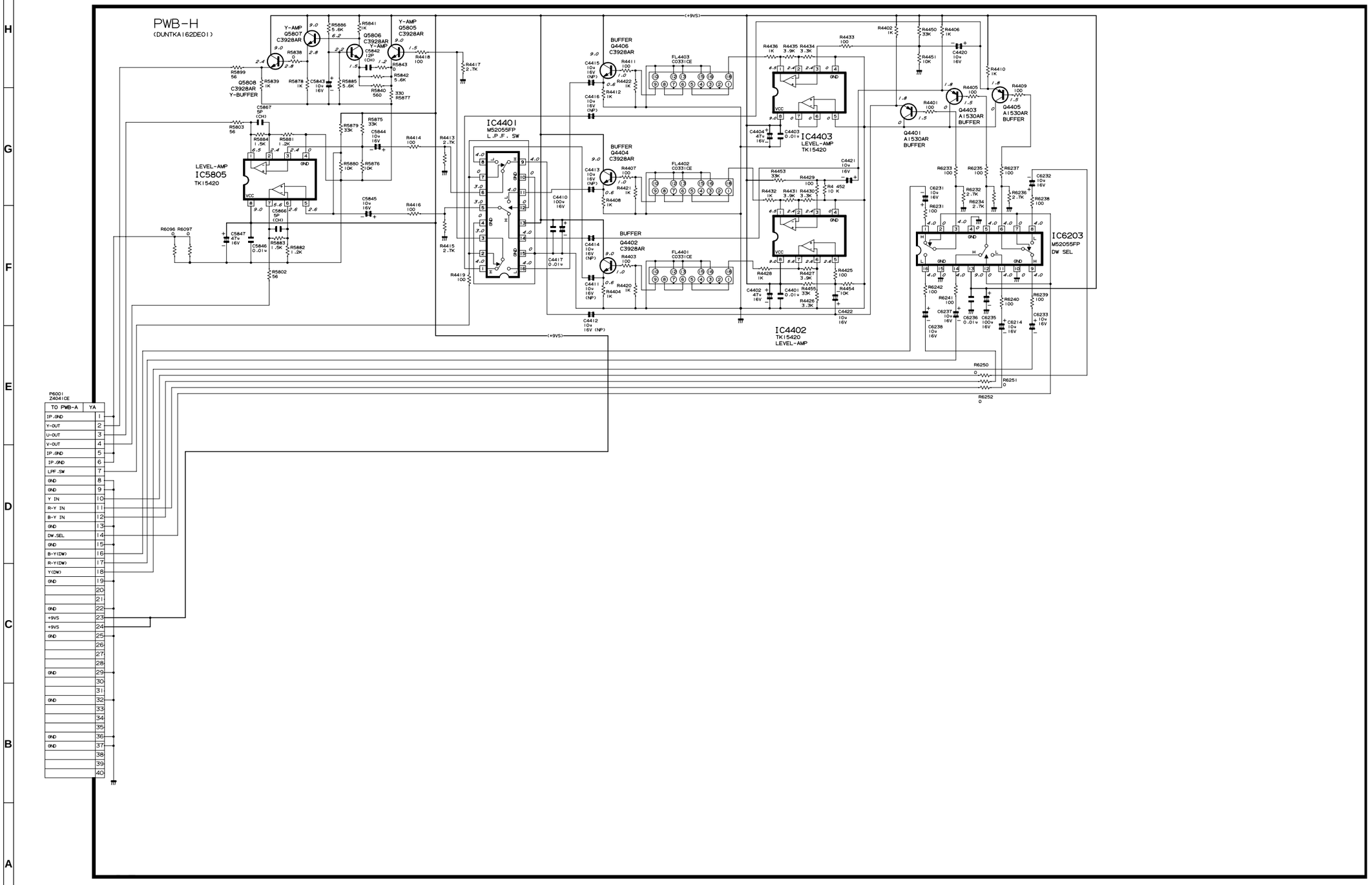
SCHEMATIC DIAGRAM: TUNER Unit-2/2

TUNER 2

PWB-E (2/2)
(DUNTKA097DE0)



SCHEMATIC DIAGRAM: YUV SW Unit



SCHEMATIC DIAGRAM: MICOM Unit

MICOM

PWB-J
(DUNTKA163DE01)

P3502
N0449FJ

TO PWB-A	MB
MUTE2	40
DEF(L)	39
LPF_SW	38
3D_RST	37
TB_CLK	36
TB_DATA	35
AUTO_DATA	34
TB_PD	33
I/P_DATA	32
AUTO_ENA	31
I/P_ENA	30
I/P_CLK	29
H-VCC_POW	28
PRT_LED	27
MTS_MONO	26
MTS_MODE	25
EQSOUND_ON-OFF	24
HD(RGB)SW	23
VIEW_TIMER_LED	22
OPC_W	21
S_MUTE	20
P_MUTE	19
TV_POW	18
AC_POW	17
V2(FRONT)IN	16
VCHIP_INT	15
DEGAUS_KEY	14
PRO2	13
PRO1	12
RCS2	11
RCS1	10
HDTV_LED	9
AFT1(MAIN)	8
AFT2(SUB)	7
RF_AGC	6
AGC(SUB)	5
ST/MT	4
KEY	3
V_SYNC	2
H_SYNC	1

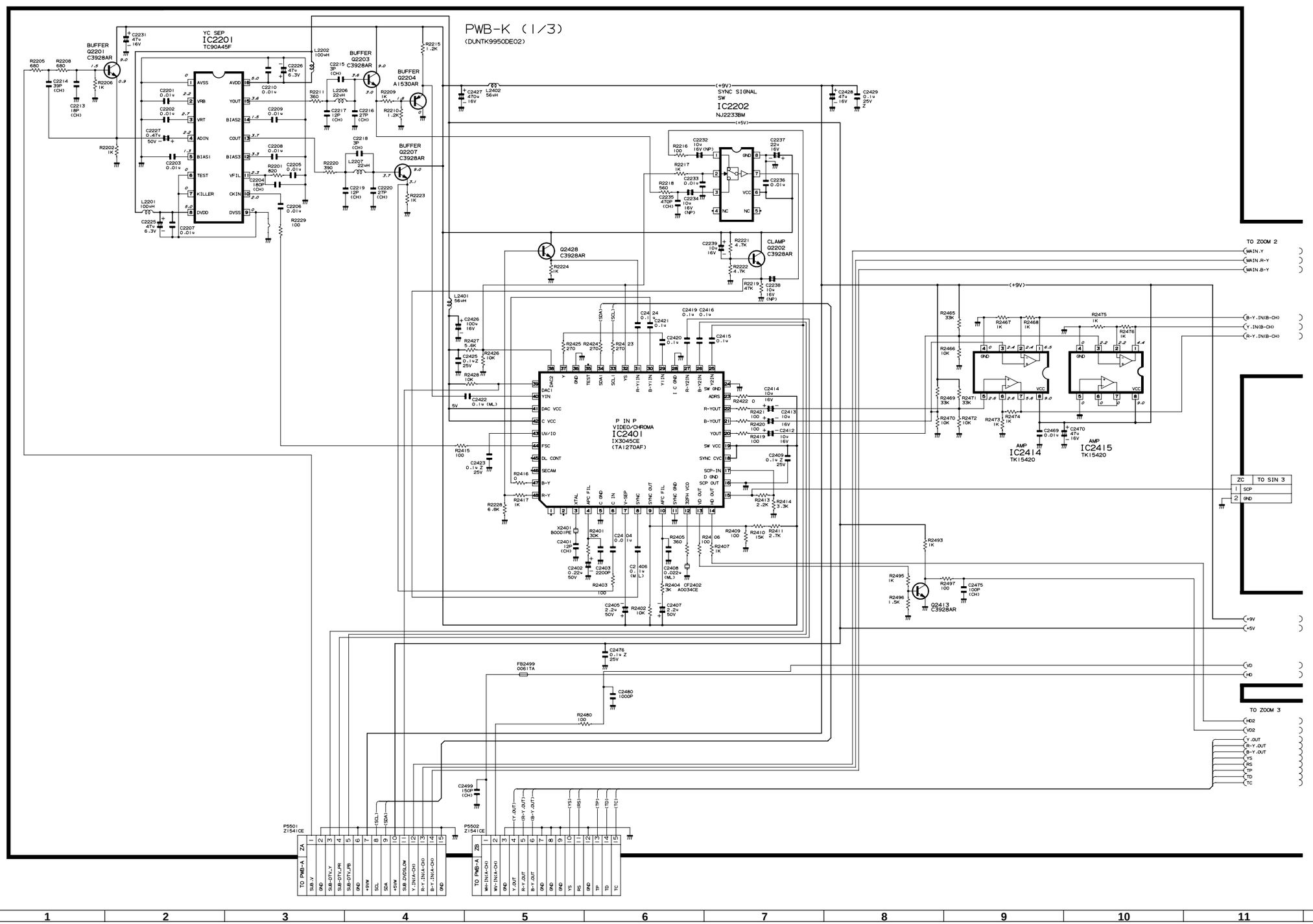
IC3501
IX3380CE
MICRO-PROSESSOR

IC3502
M51943BS
ACL
VCC GND OUT

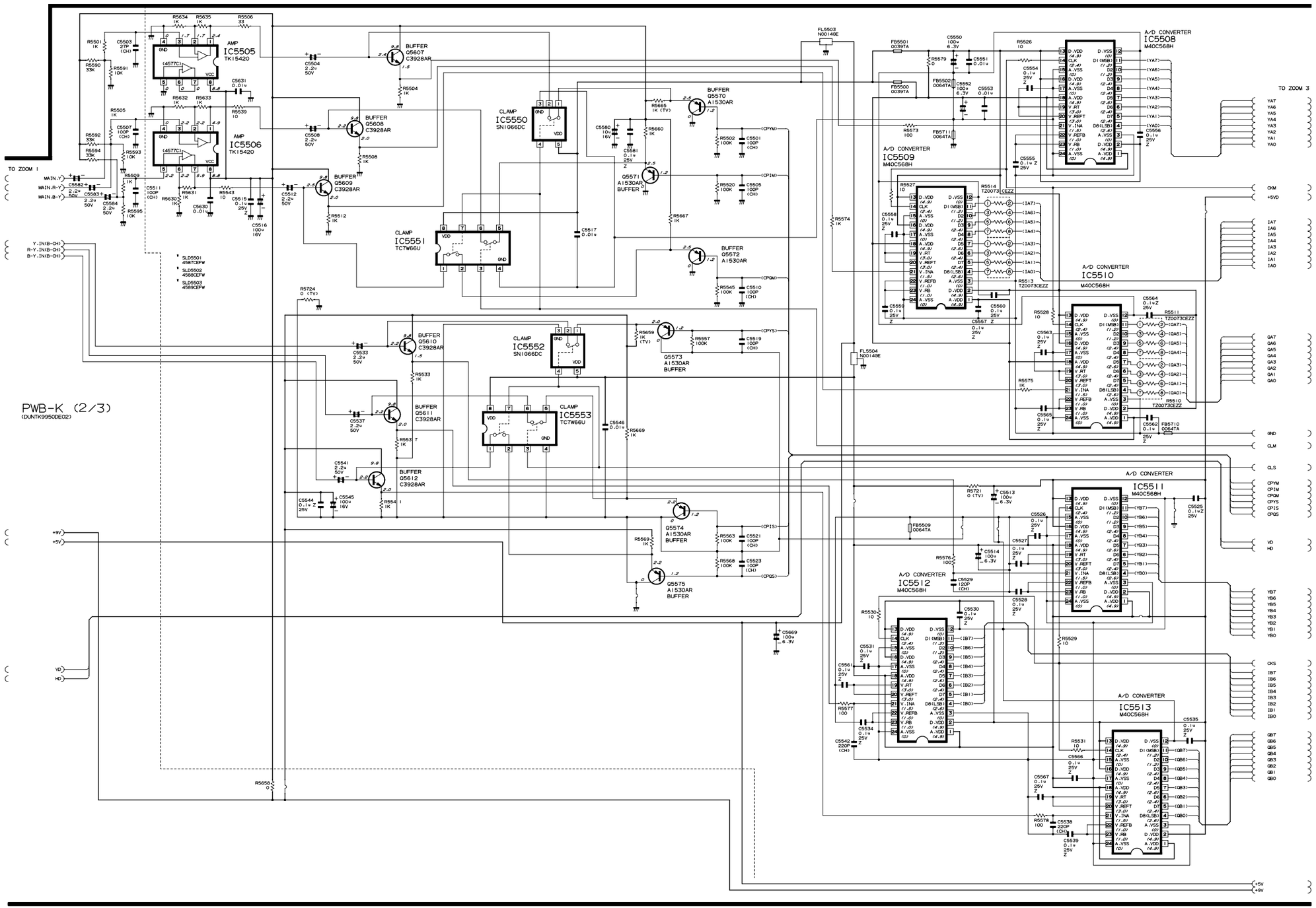
P3501
N0449FJ

MA	TO PWB-A
40	DEGAUS
39	SUB_B/B
38	MAIN_B/B
37	DW_SEL
36	V.IP_SW
35	IP_THROUGH_SW
34	V4_CONT
33	MCC4(W)
32	MCC3(E)
31	DVD_SW1
30	MCC2(S)
29	MCC1(N)
28	OP_2
27	OP_1
26	N.C
25	N.C
24	N.C
23	N.C
22	OSD_B
21	OSD_G
20	CVIN
19	FRQ_SW
18	VS(MAIN)
17	HS(MAIN)
16	AC-OFF
15	R/C
14	HF_BLK
13	BLK
12	VM_LEVEL
11	HS1
10	EX_LED
9	HS2
8	SCL2
7	EXT(L)
6	SDA
5	SCL
4	OSD_R
3	SDA2
2	VCC
1	GND

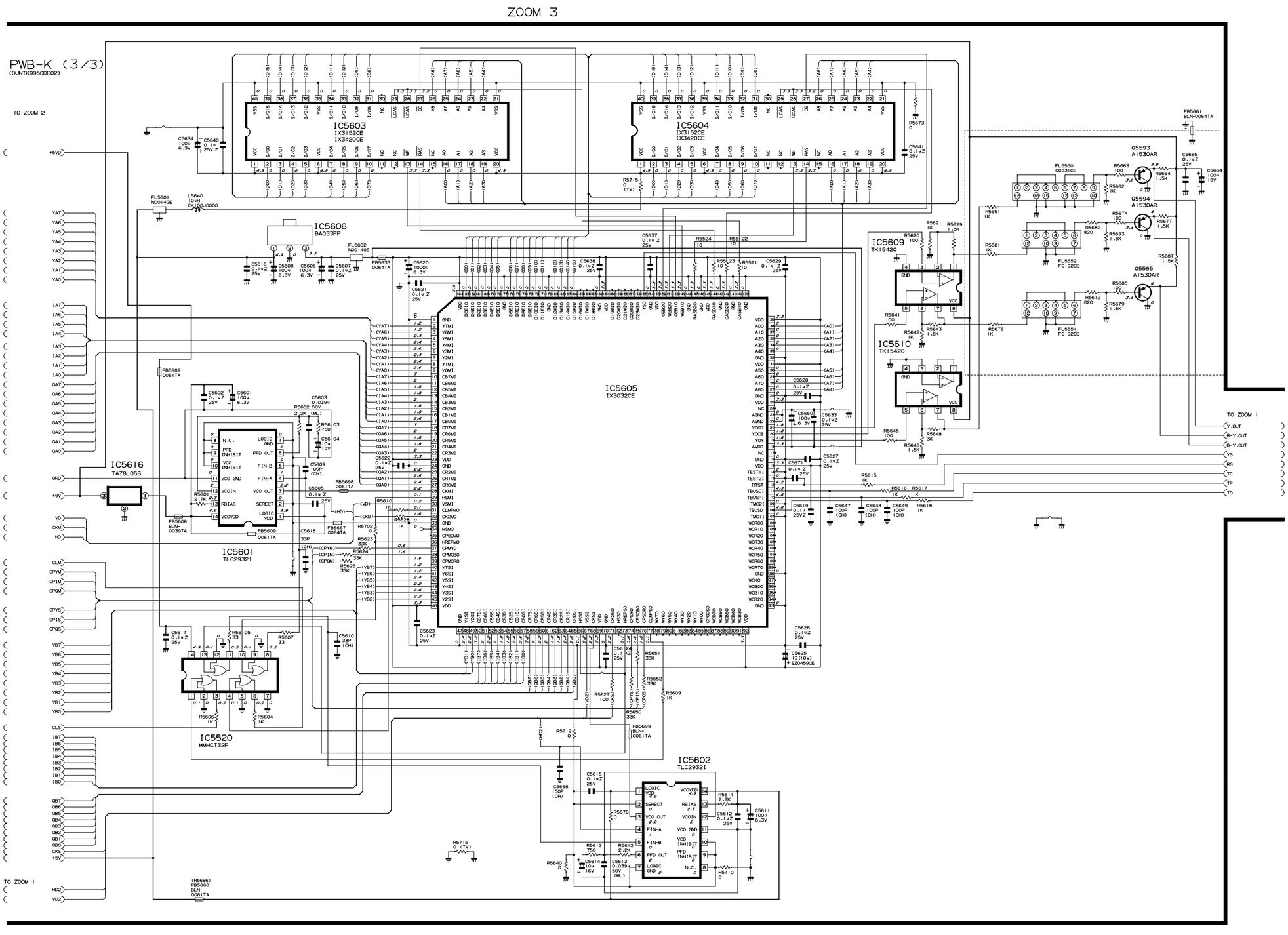
SCHEMATIC DIAGRAM: ZOOM Unit-1/3



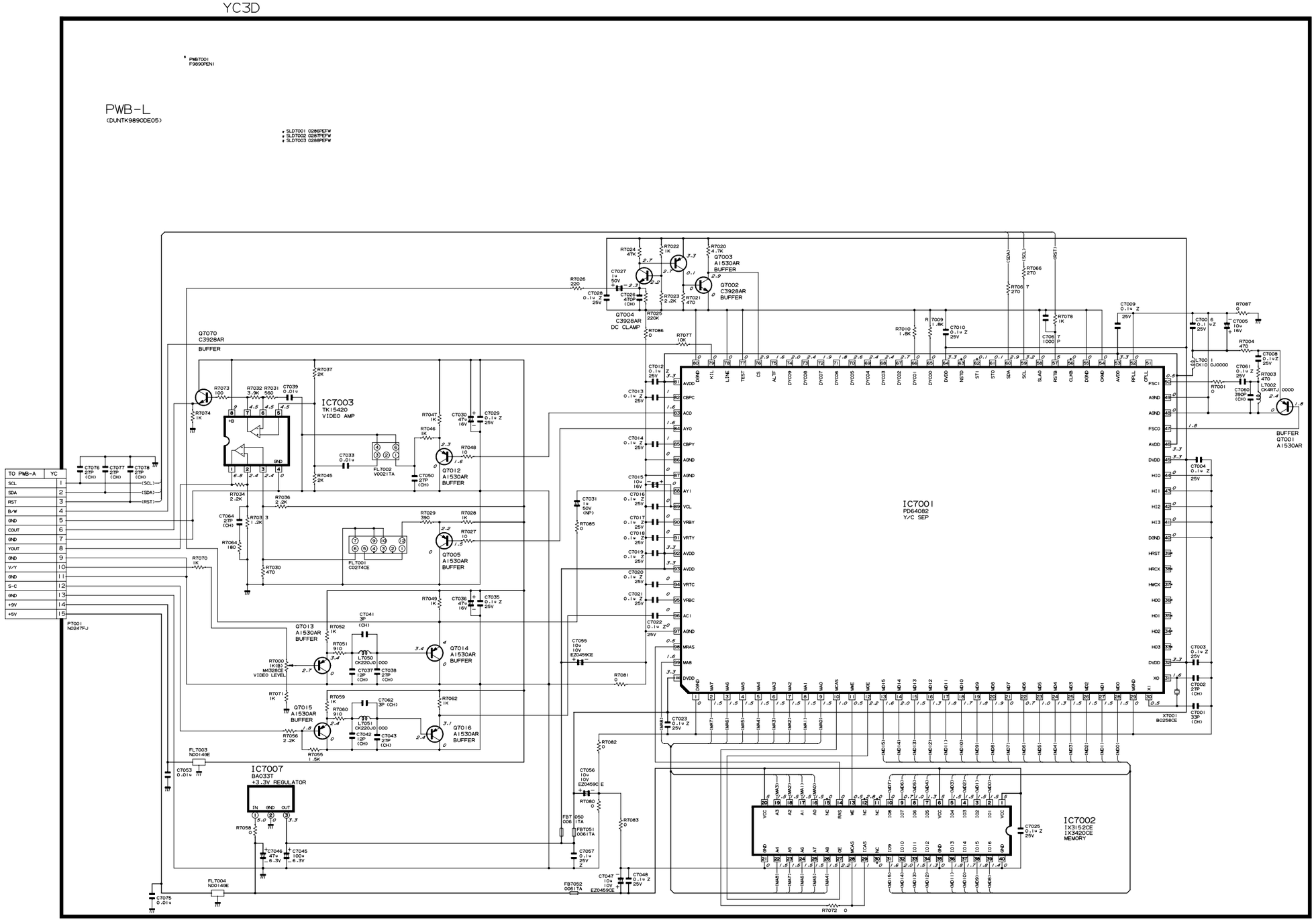
SCHEMATIC DIAGRAM: ZOOM Unit-2/3



SCHEMATIC DIAGRAM: ZOOM Unit-3/3

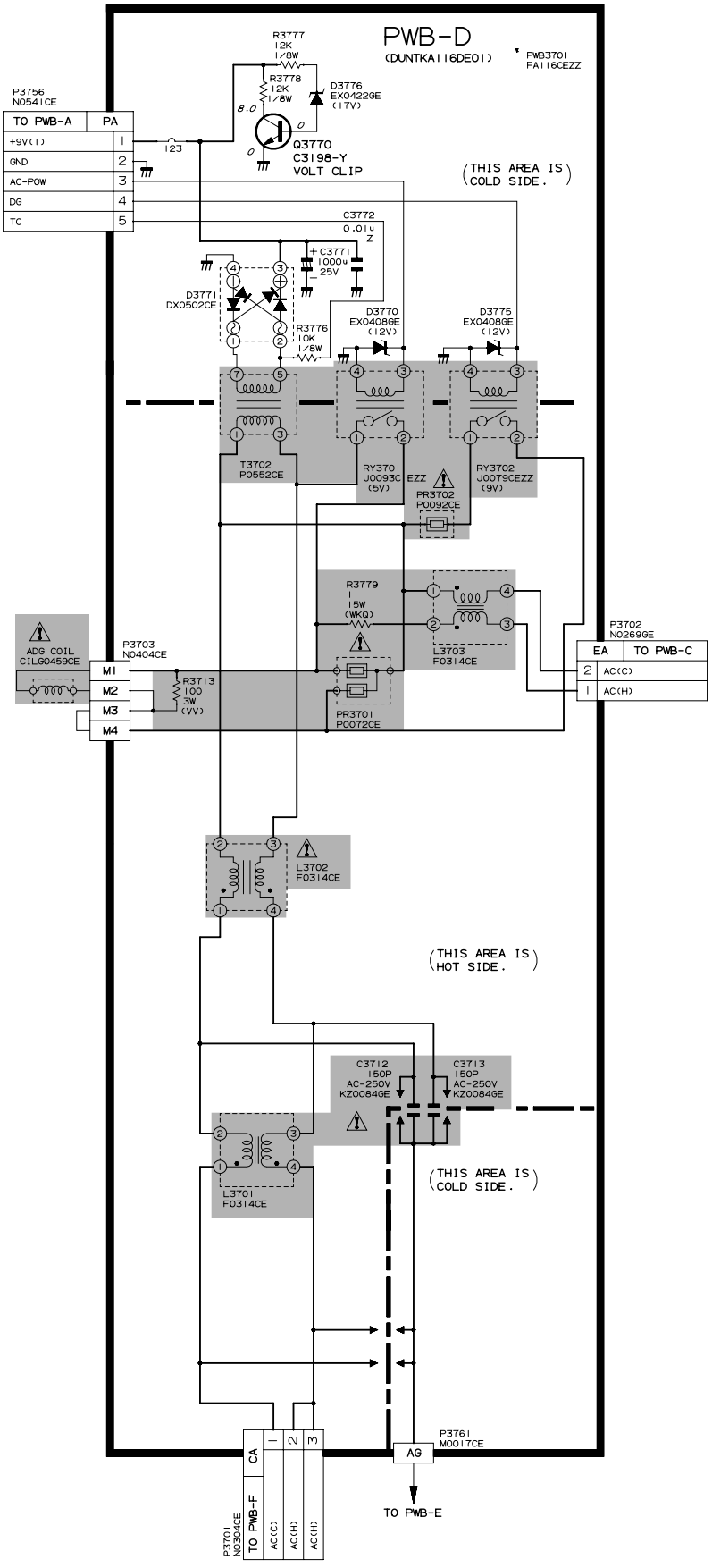


SCHEMATIC DIAGRAM: Y/D 3D Unit

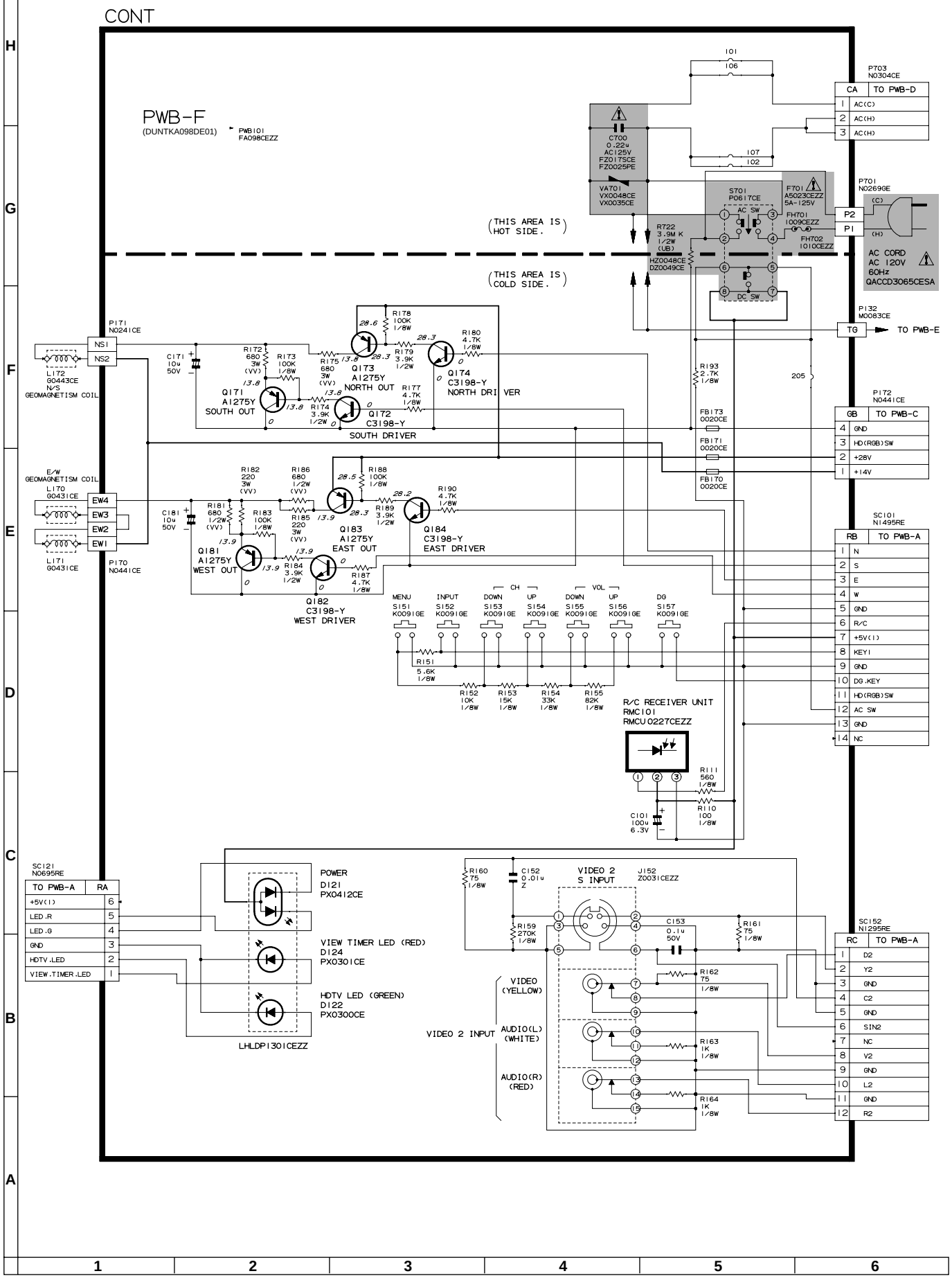


SCHEMATIC DIAGRAM: AC FILTER Unit

AC FILTER

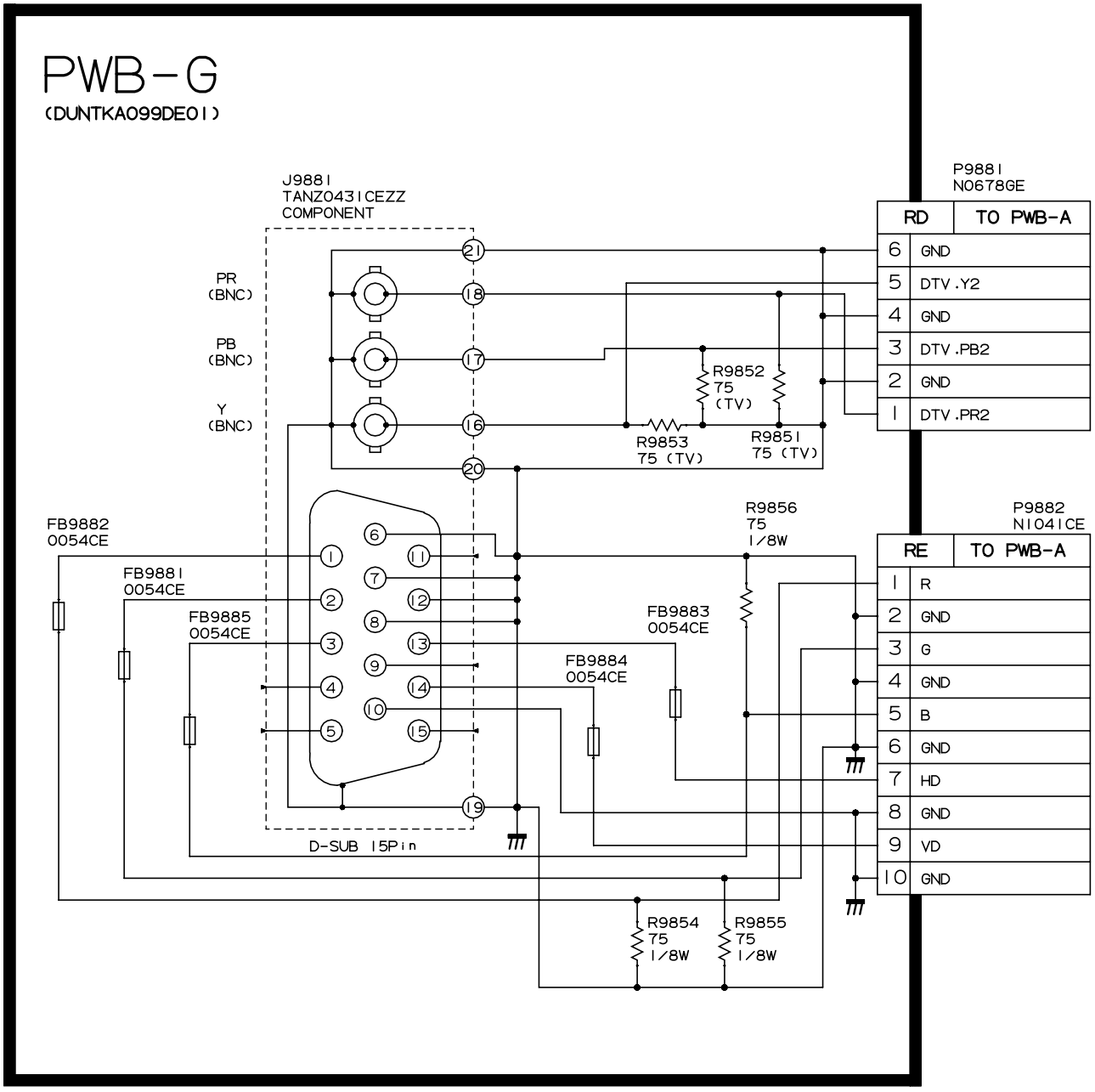


SCHEMATIC DIAGRAM: CONTROL Unit

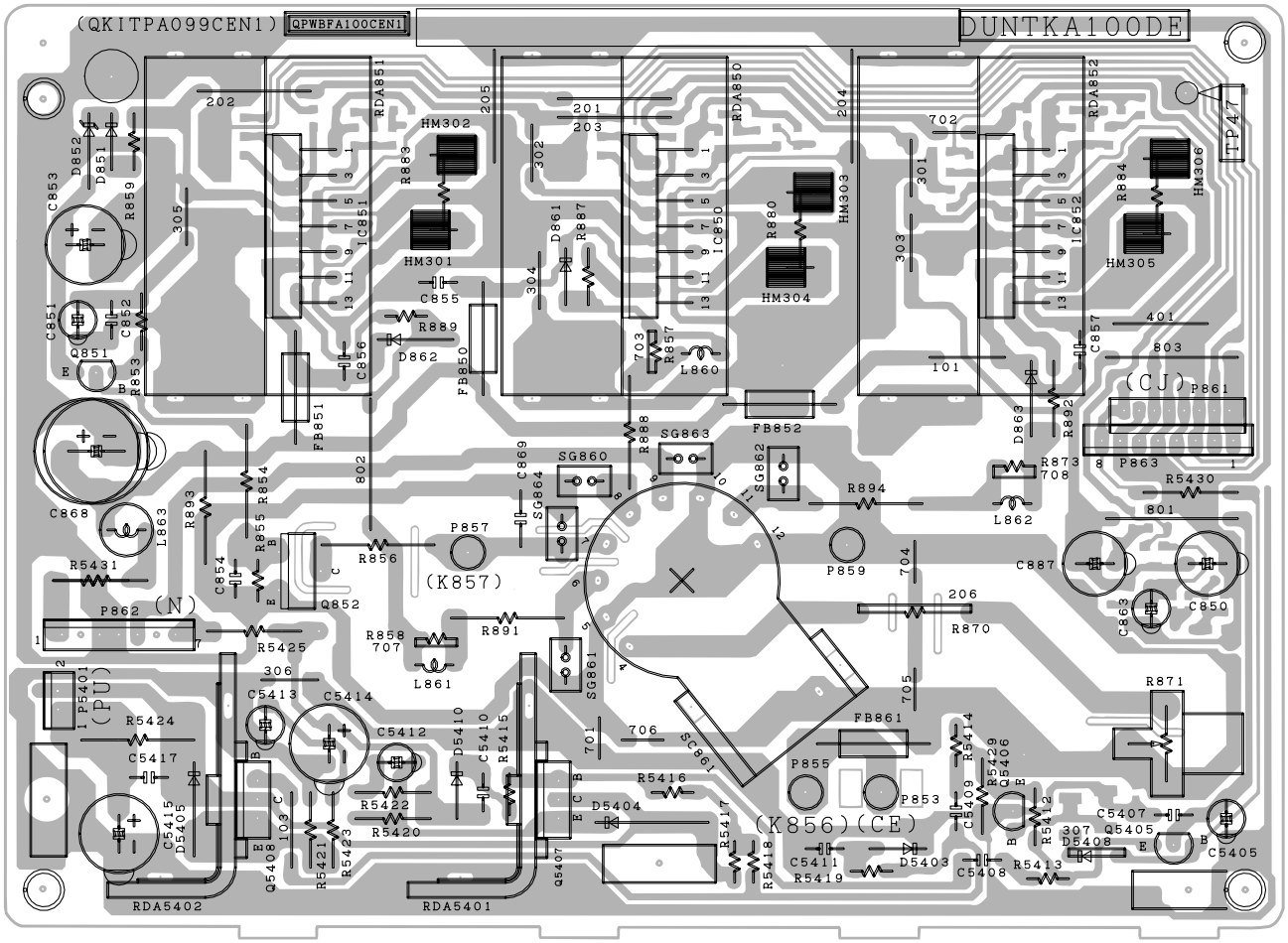


SCHEMATIC DIAGRAM: TERMINAL Unit

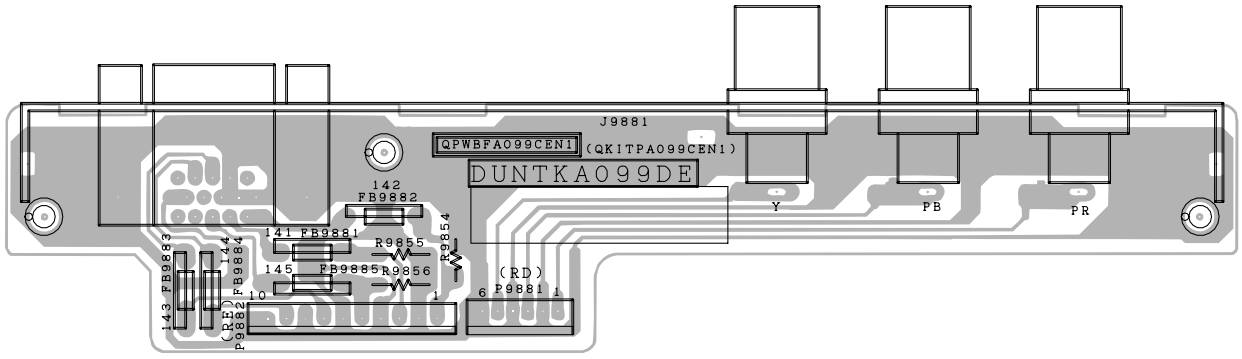
TERMINAL



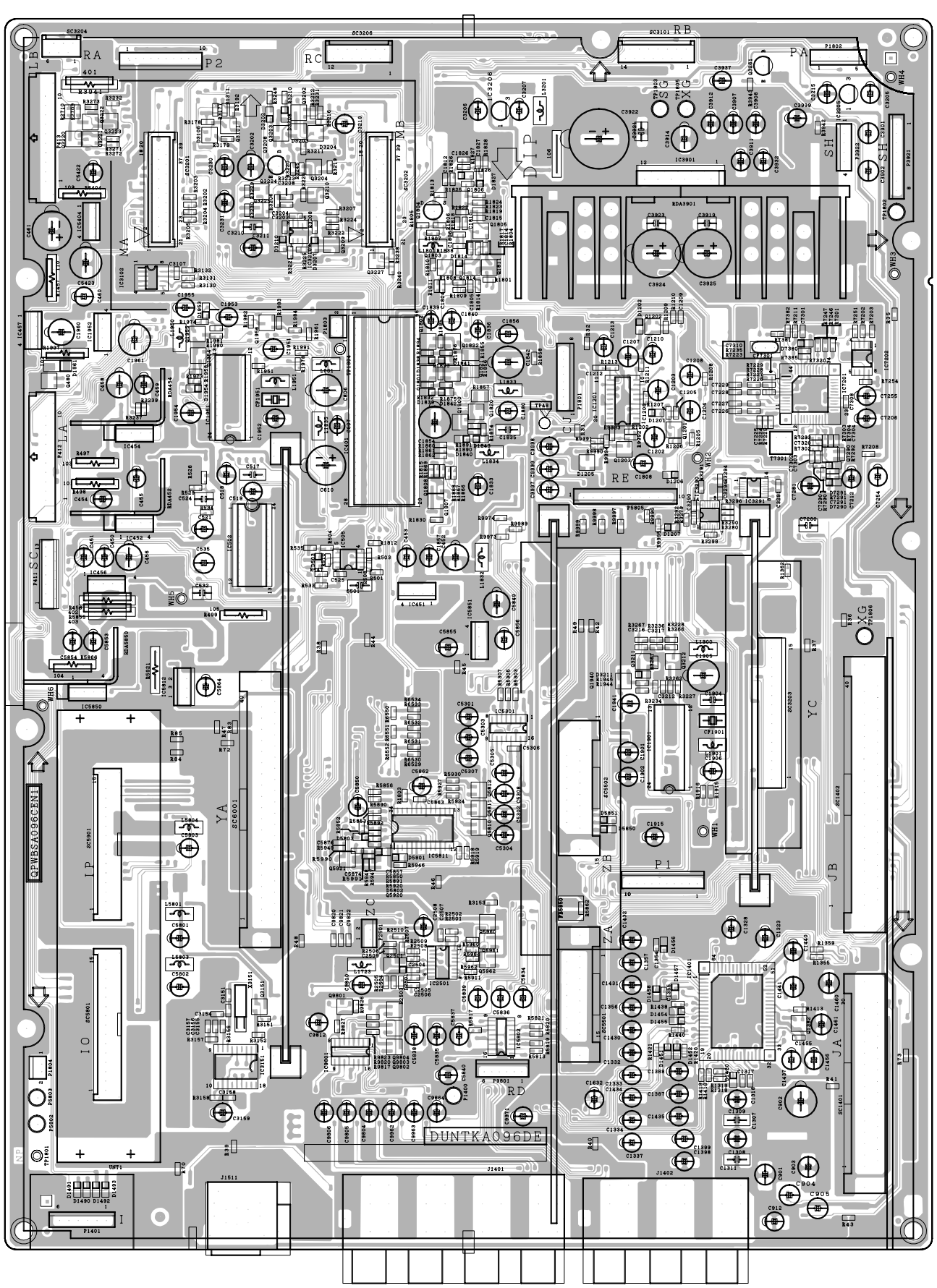
PRINTED WIRING BOARD ASSEMBLIES



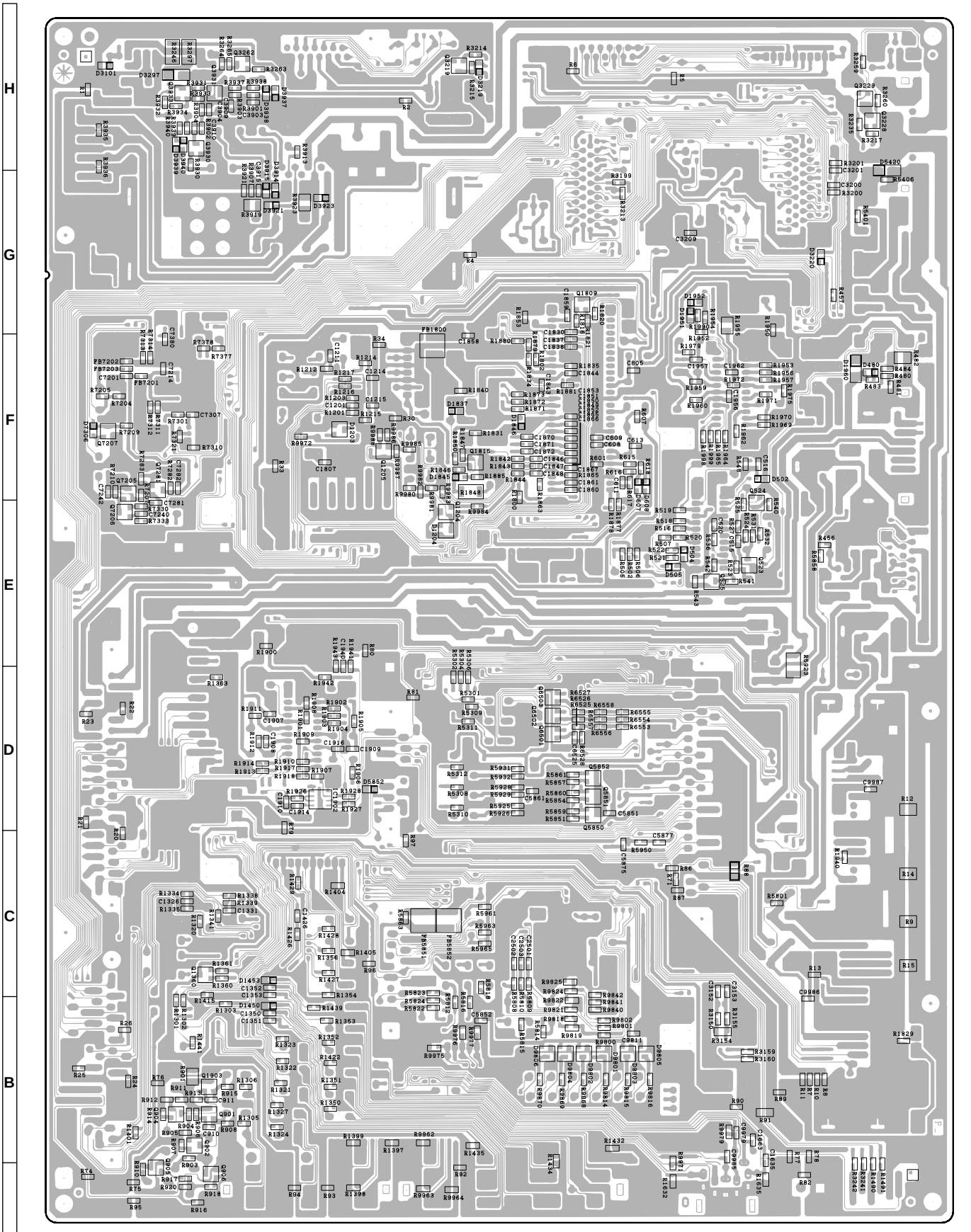
PWB-B: CRT Unit (Wiring Side)



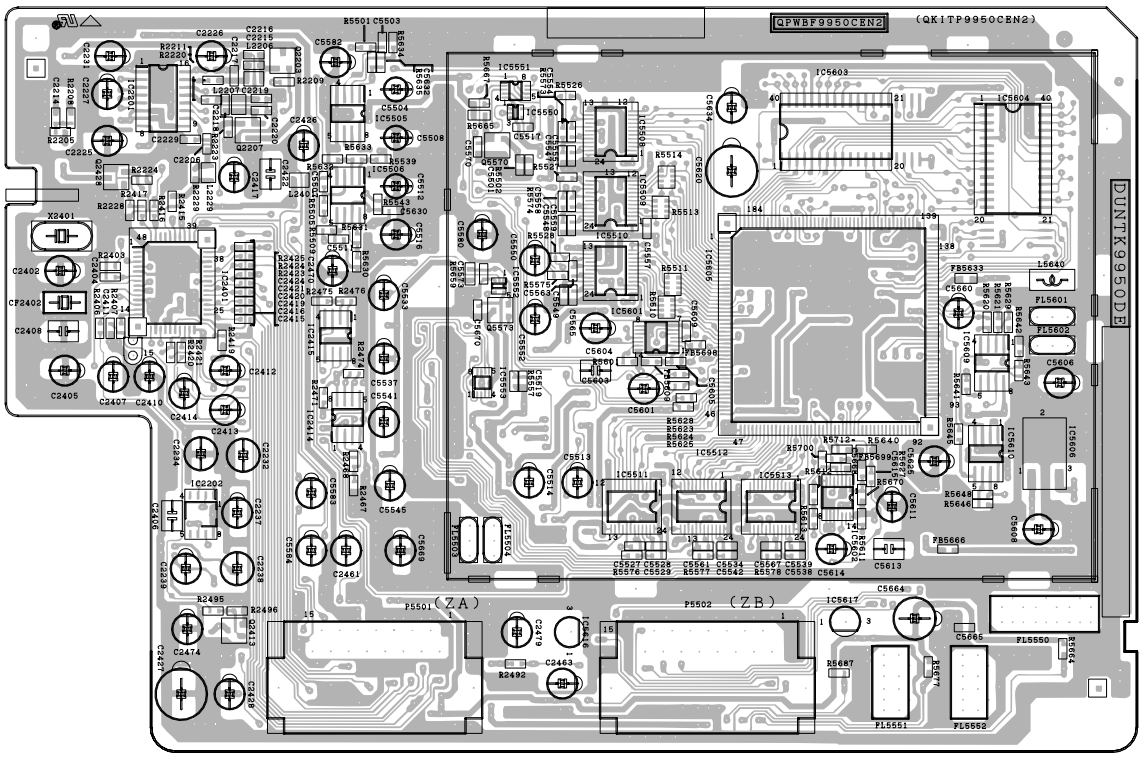
PWB-G: TERMINAL Unit (Wiring Side)



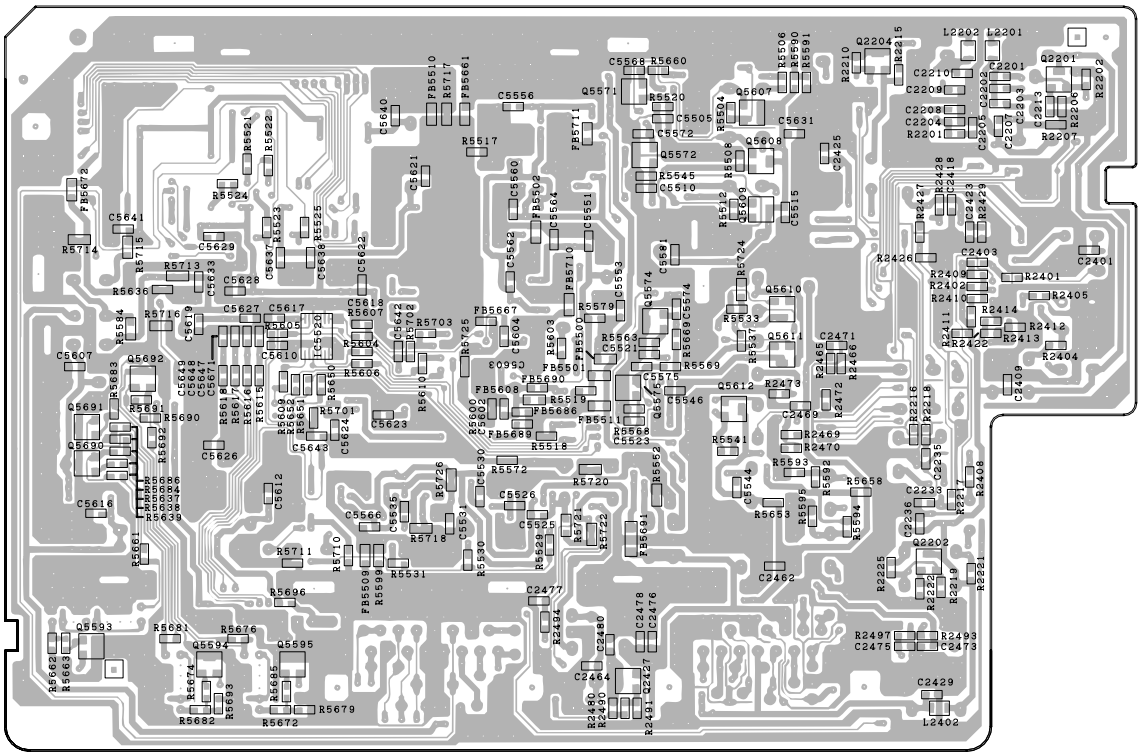
PWB-A: SIGNAL Unit (A Side)



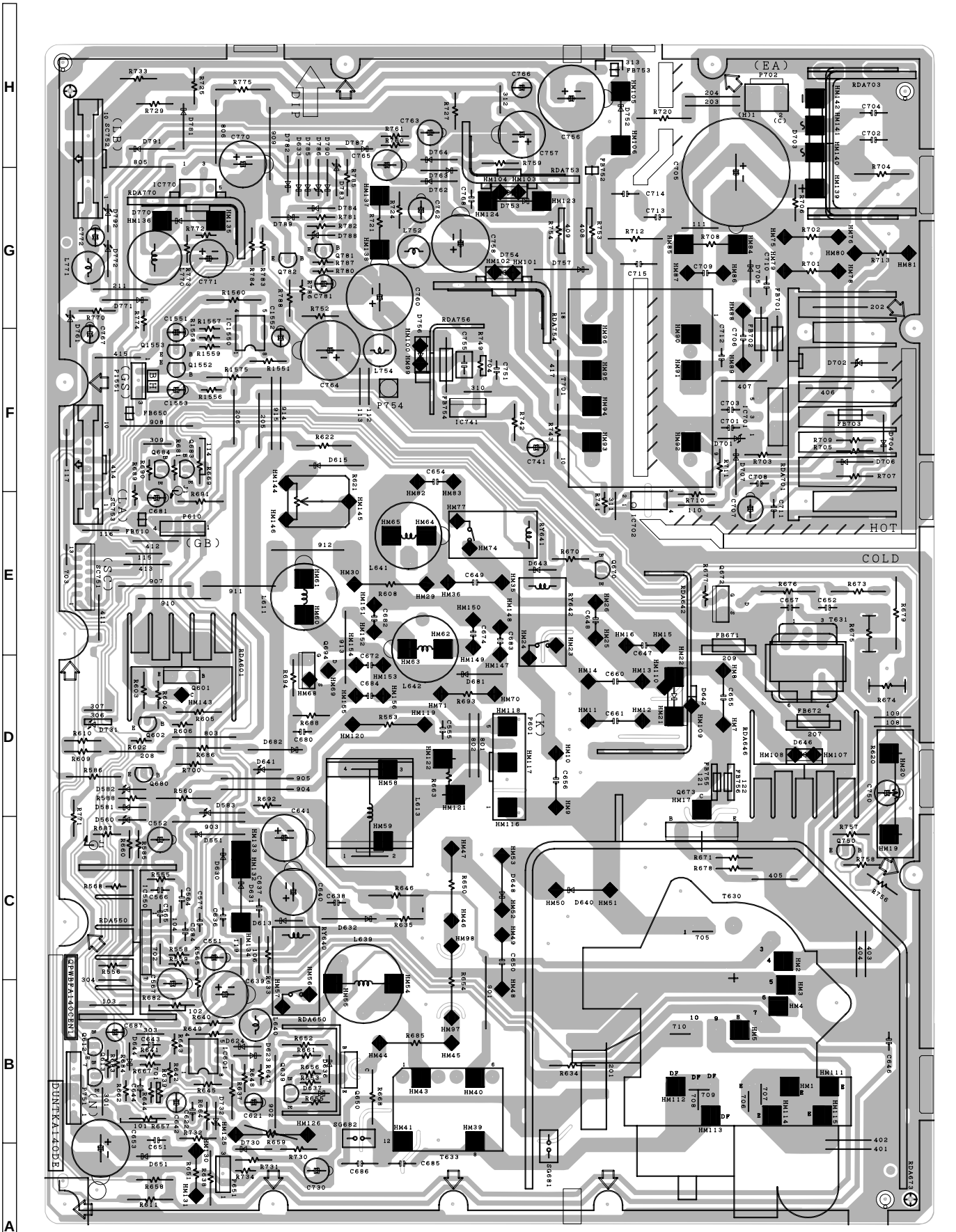
PWB-A: SIGNAL Unit (B Side)



PWB-K: ZOOM Unit (A Side)



PWB-K: ZOOM Unit (B Side)


HOT
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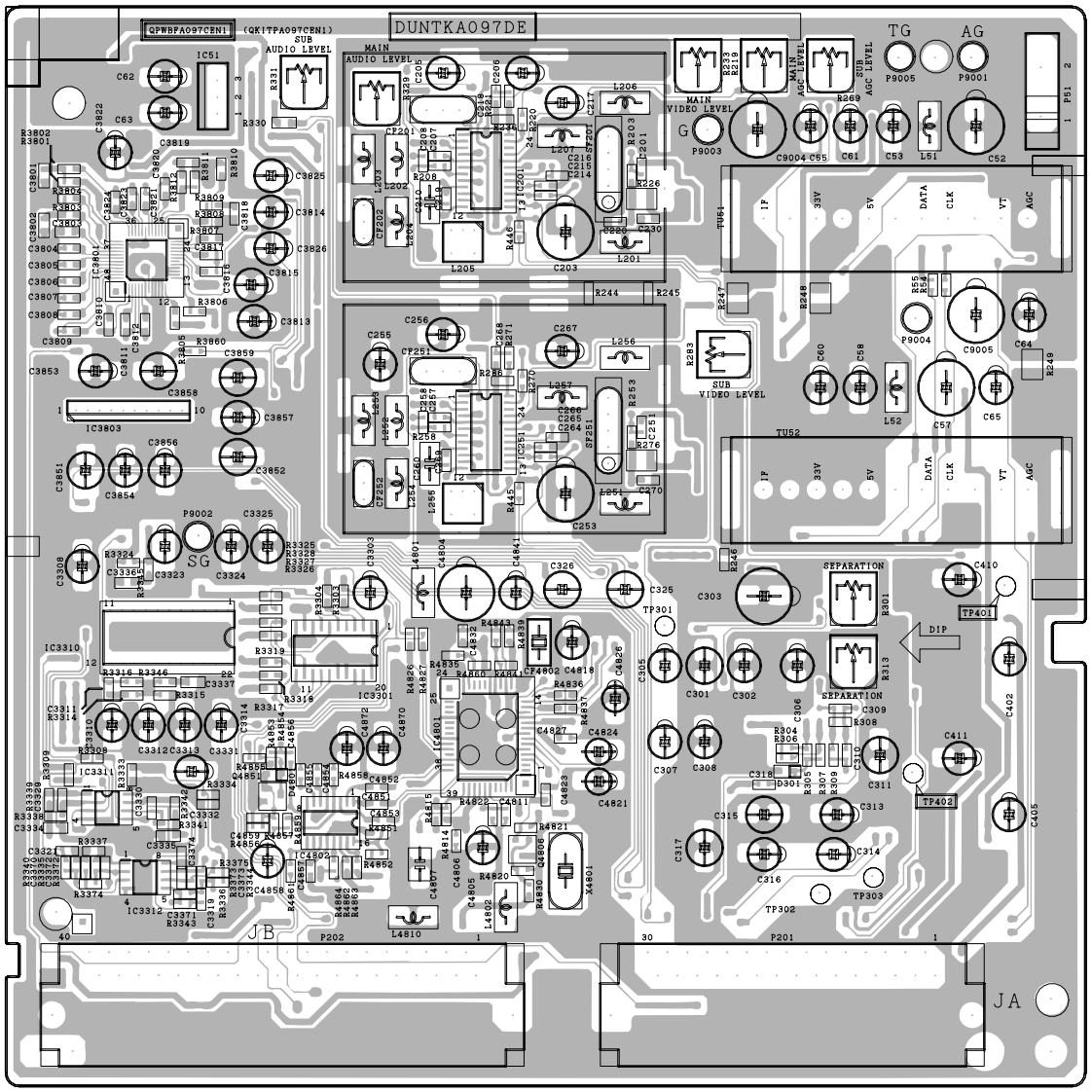
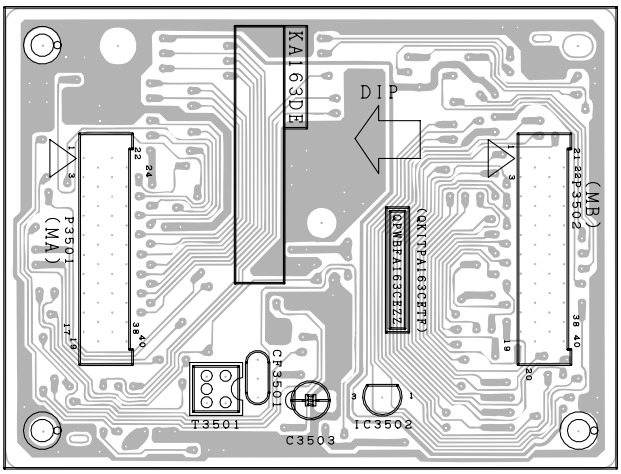
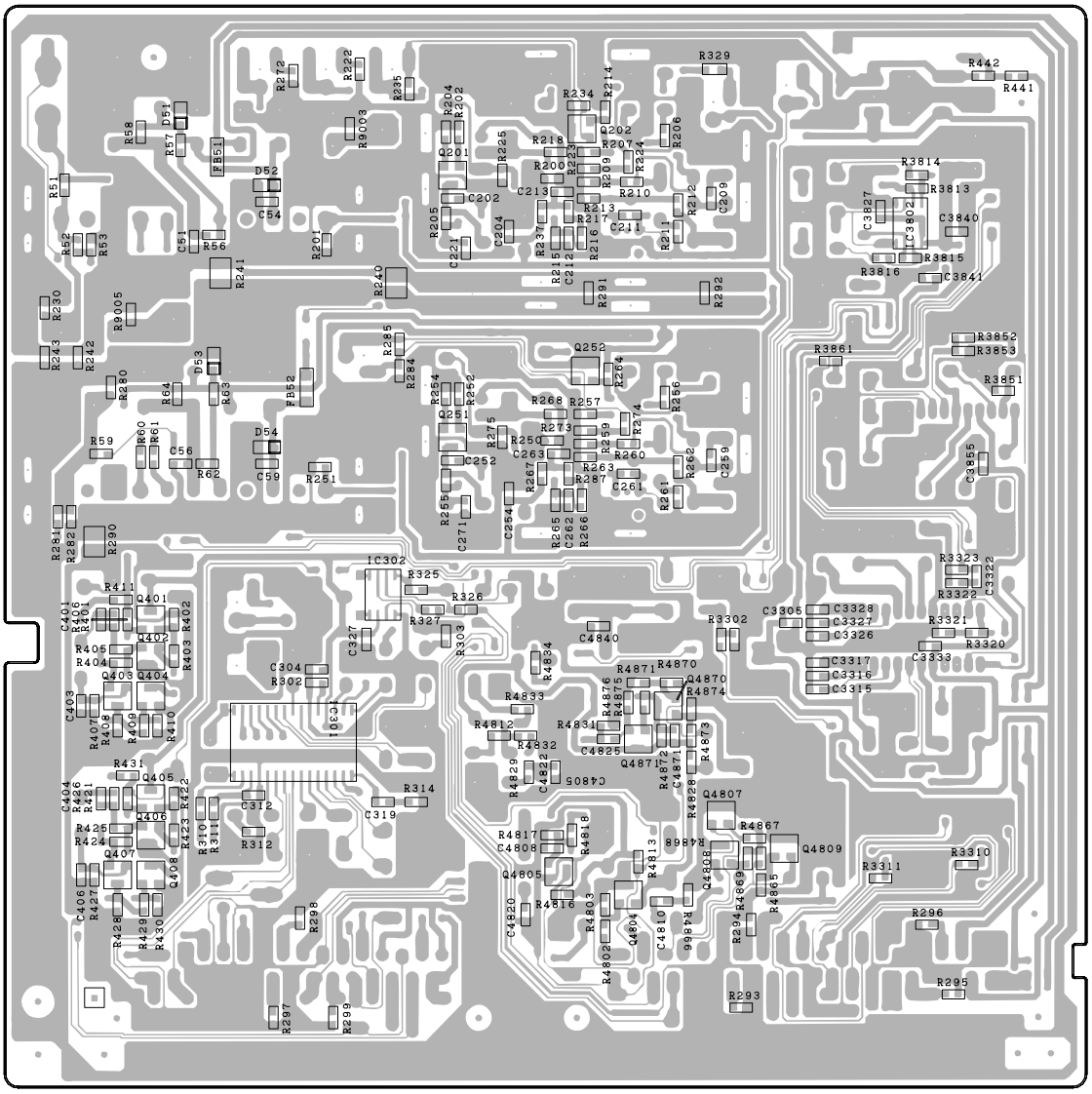


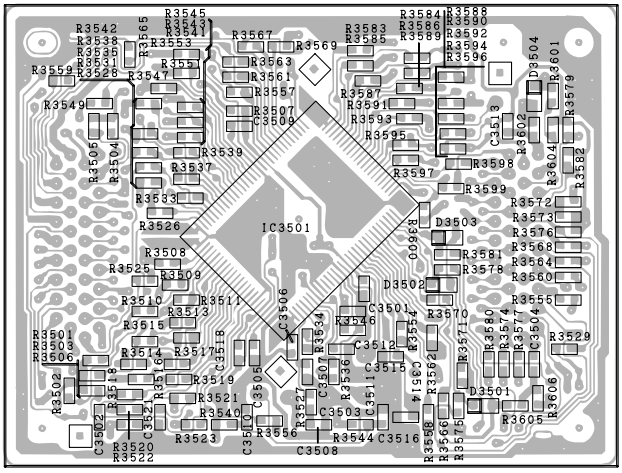
PWB-E: TUNER Unit (A Side)



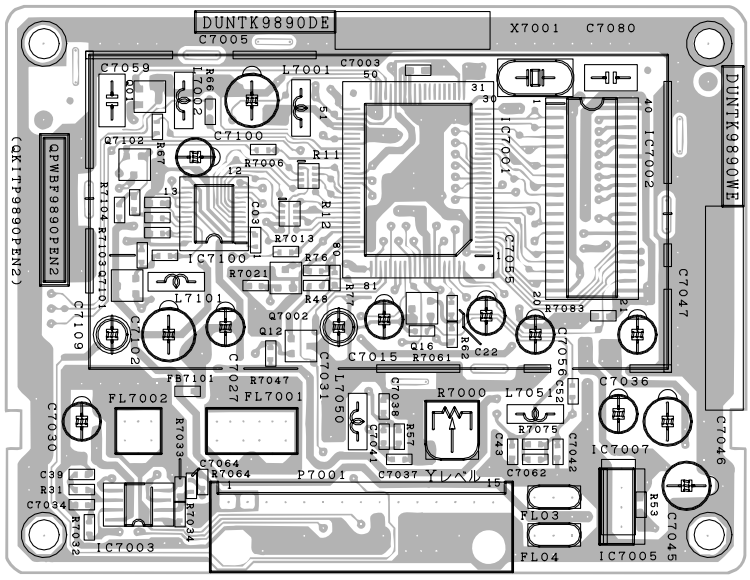
PWB-J: MICOM Unit (A Side)



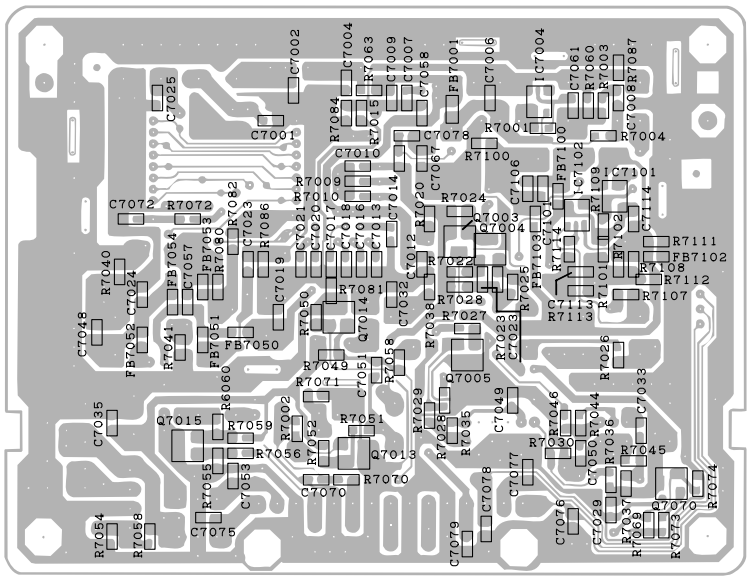
PWB-E: TUNER Unit (B Side)



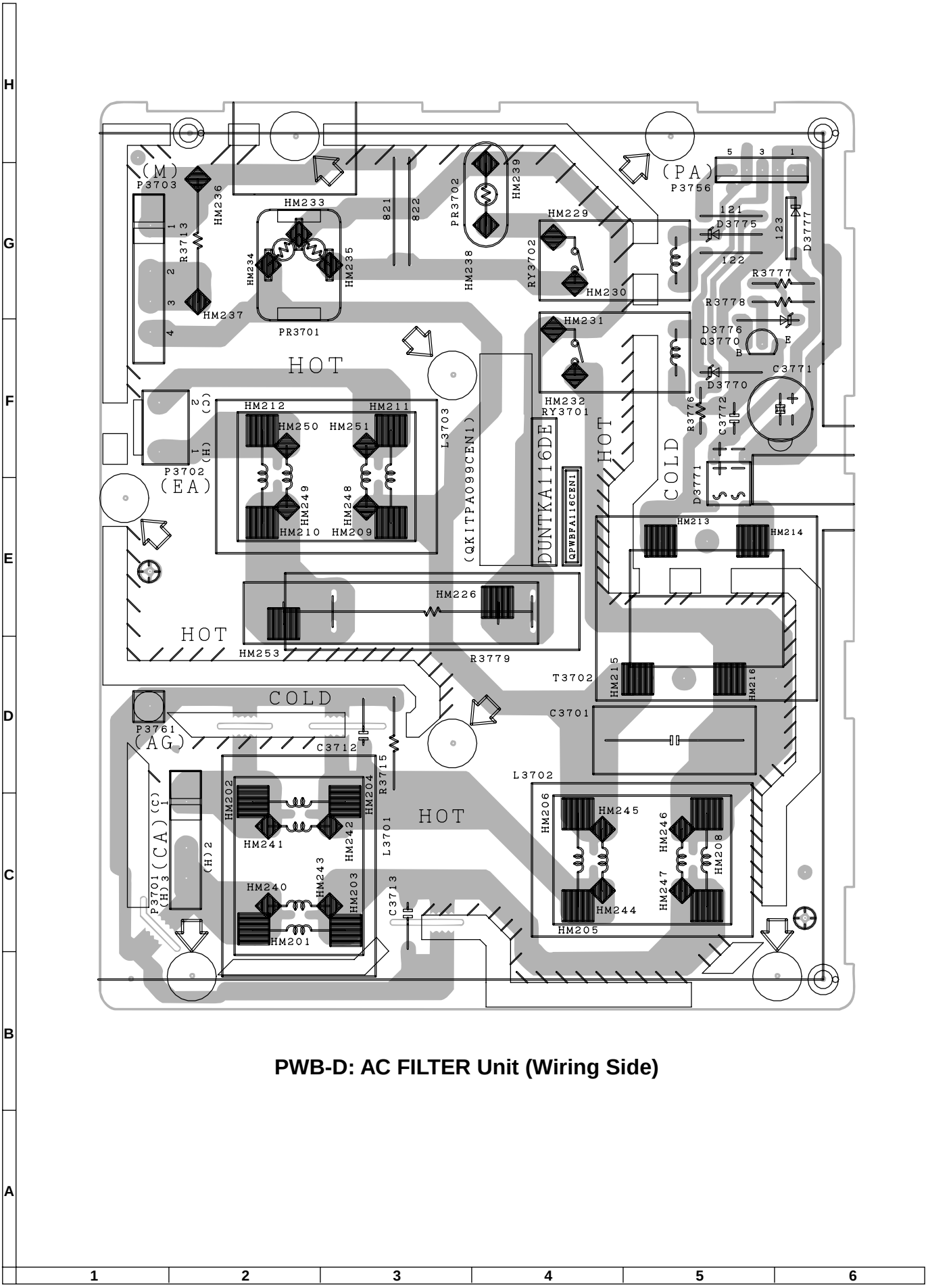
PWB-J: MICOM Unit (B Side)



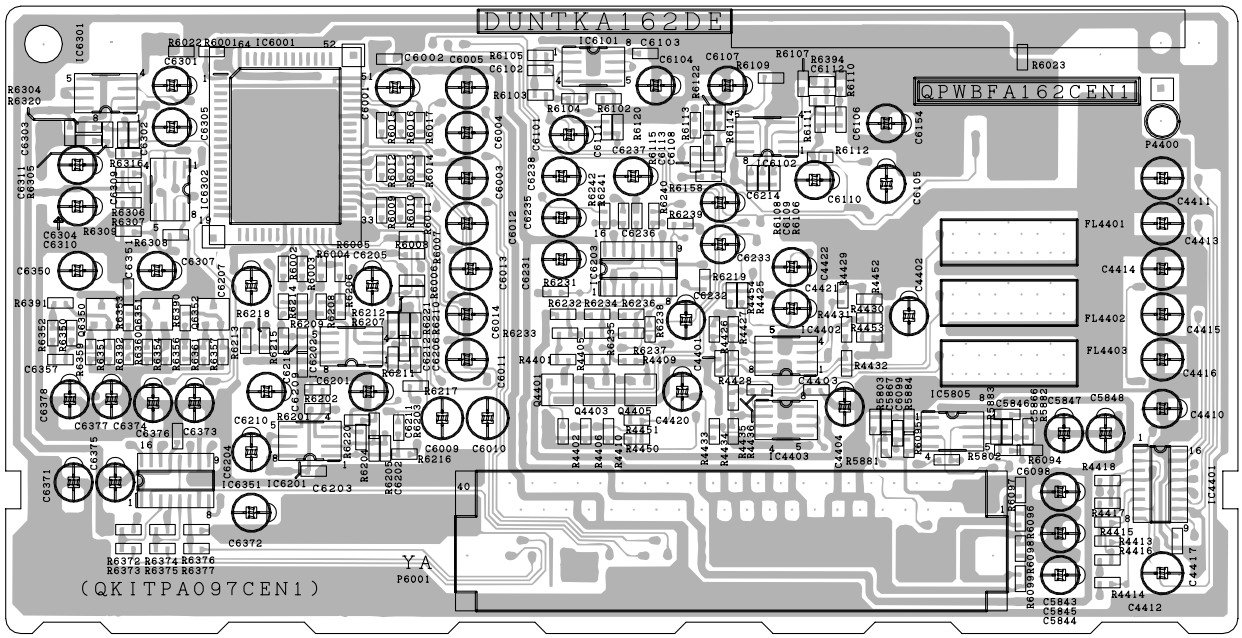
PWB-L: Y/C 3D Unit (A Side)



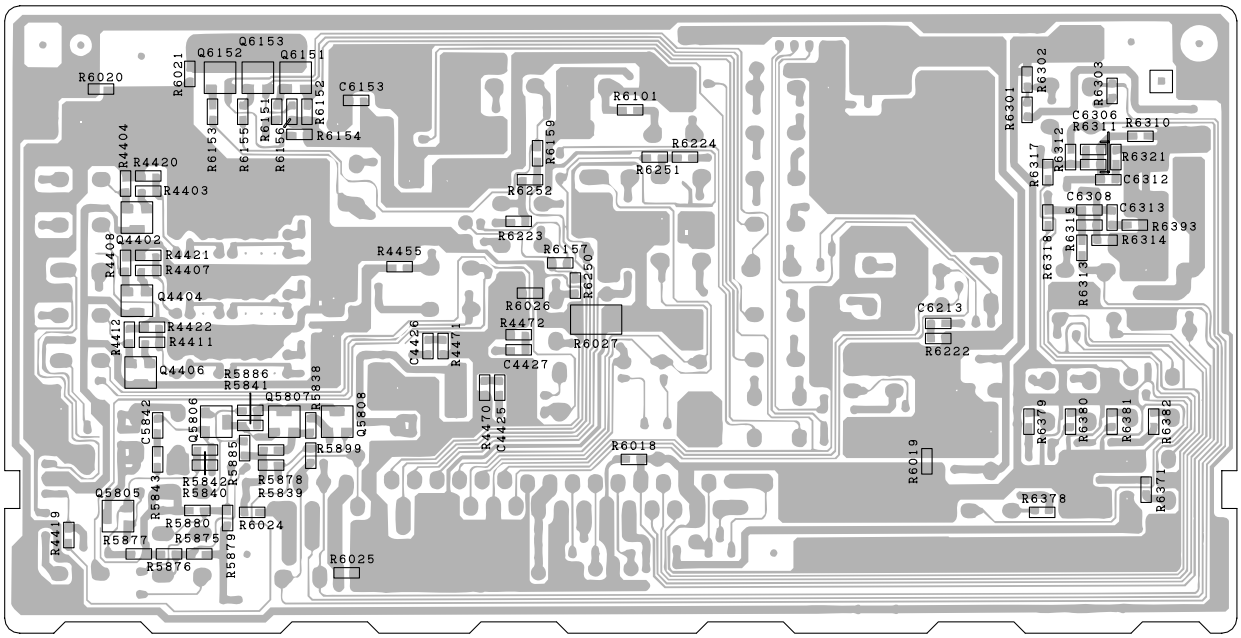
PWB-L: Y/C 3D Unit (B Side)



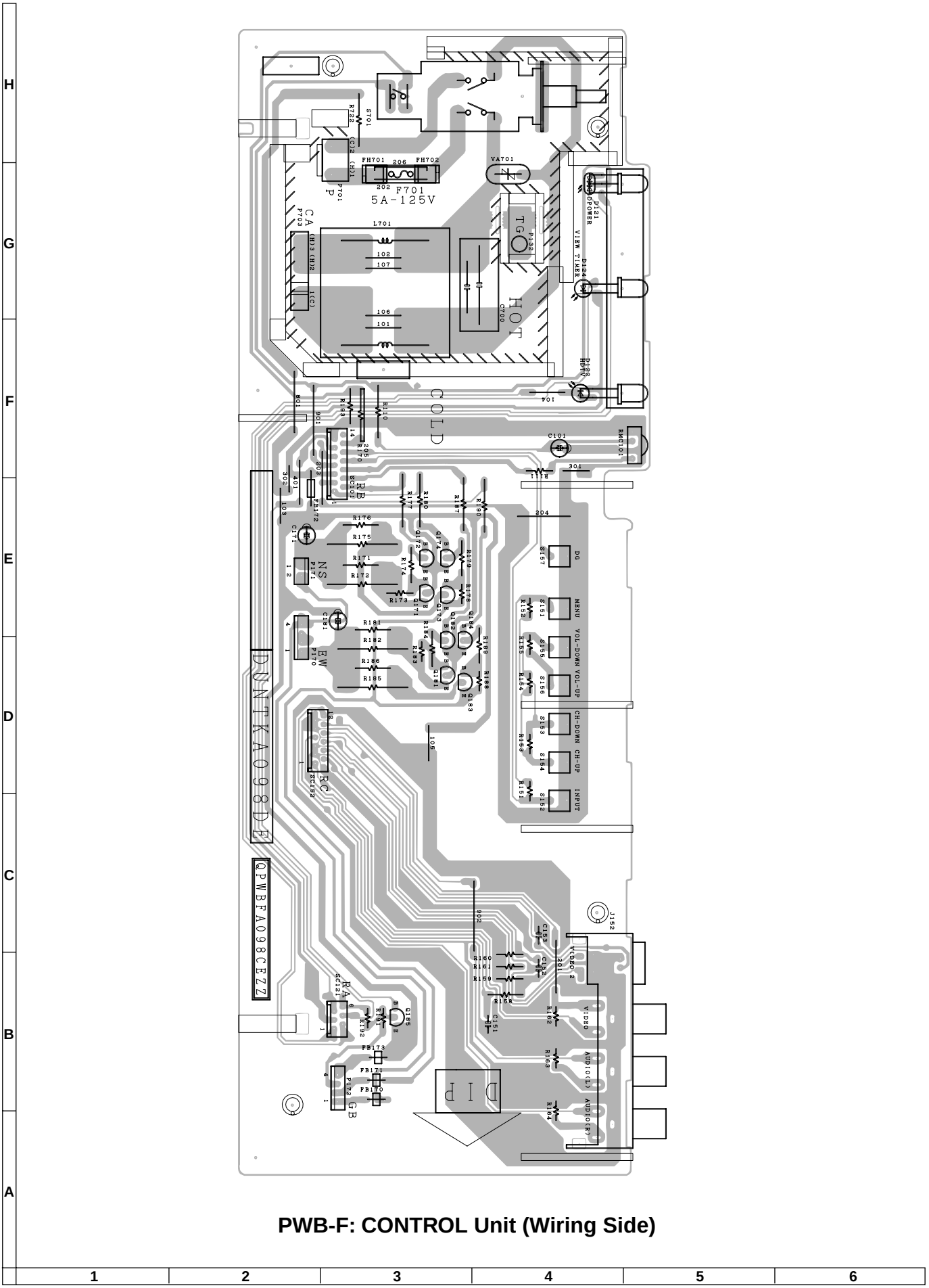
PWB-D: AC FILTER Unit (Wiring Side)



PWB-H: YUV SW Unit (A Side)



PWB-H: YUV SW Unit (B Side)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QPWBFA098CEZZ
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5A-125V
VA701
FH701
FH702
L701
C700
D121
D124
D122
C101
R111
R110
R199
R170
R176
R175
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PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★MARK: SPARE PARTS-DELIVERY SECTION

▲ MARK : X- RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code
PICTURE TUBE				
▲⚠	VB86LQQ350W*J		Picture Tube	EG
▲⚠	RCiLH1915CEZZ	J	Deflection Yoke	AX
L1551	RCiLG0443CEZZ	J	Rotation Coil	AL
L170	RCiLG0431CEZZ	J	Geomagnetism Coil	AM
L171	RCiLG0431CEZZ	J	Geomagnetism Coil	AM
⚠	RCiLG0459CEZZ	J	Degaussing Coil	AZ
	PMAGF3091CEZZ	J	Magnet	AR
	PMAGG3006CEZZ	J	Magnet	AC
⚠	QEARC3608CEZZ	J	Ground-part	AM
PRINTED WIRING BOARD ASSEMBLIES *(NOT REPLACEMENT ITEM)*				
PWB-A	DUNTKA096DE01	–	SIGNAL Unit	—
PWB-B	DUNTKA100DE01	–	CRT Unit	—
PWB-C	DUNTKA140DE01	–	POWER Unit	—
PWB-D	DUNTKA116DE01	–	AC FILTER Unit	—
PWB-E	DUNTKA097DE01	–	TUNER Unit	—
PWB-F	DUNTKA098DE01	–	CONTROL Unit	—
PWB-G	DUNTKA099DE01	–	TERMINAL Unit	—
PWB-H	DUNTKA162DE01	–	YUVSW Unit	—
PWB-J	DUNTKA163DE01	–	MICOM Unit	—
PWB-K	DUNTK9950DE02	–	ZOOM Unit	—
PWB-L	DUNTK9890DE05	–	YC3D Unit	—
UNT1	RUNTK0655CEZZ	J	I/P Unit (Unit Replacement Item)	CC

Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01				
SIGNAL UNIT				
INTEGRATED CIRCUITS				
IC401	RH-iX3323CEZZ	J	TA1298BN	BB
IC451	VHiPQ12RD11-1	J	PQ12RD11	AG
IC452	VHiPQ09RD08-1	J	PQ09RD08	AF
IC454	VHiPQ09RD08-1	J	PQ09RD08	AF
IC456	VHiPQ05RD08-1	J	PQ05RD08	AF
IC457	VHiPQ05RD08-1	J	PQ05RD08	AF
IC502	VHiTA1241AN-1	J	TA1241AN	AM
IC505	VHiNJM2904M-1	J	NJM2904M	AE
IC1201	VHiM52347FP-1	J	M52347FP	AP
IC1401	VHiCXA2069Q-1	J	CXA2069Q	AR
IC1901	VHiTA1300AN-1	J	TA1300AN	AS
IC1902	VHiTC7W04F/-1	J	TC7W04F	AD
IC1951	VHiTA1300AN-1	J	TA1300AN	AS
IC1952	VHiPQ09RD08-1	J	PQ09RD08	AF
IC2501	VHiTA1287F+-1	J	TA1287F (EL)	AN
IC3102	VHiBR2416E2-1	J	BR24C16F	AK
IC3151	VHiZ86130S+-1	J	Z8613012SSC	AV
IC3205	VHiS81350HG-1	J	S-81350HG	AF
IC3206	VHiS81350HG-1	J	S-81350HG	AF
IC3210	VHiTC7W14F/-1	J	TC7W14F	AD
IC3290	VHiMMHCT32F-1	J	MM74HCT32MTCX	AD
IC3291	VHiMMHCT00F-1	J	MM74HCT00MTCX	AD
IC3901	VHiTA8216H/-1	J	TA8216H	AN
IC5301	VHiM52055FP-1	J	M52055FP	AH
IC5404	VHiPQ05RD08-1	J	PQ05RD08	AF
IC5802	VHiM52055FP-1	J	M52055FP	AH
IC5811	RH-iX3251CEZZ	J	TDA9178T/N1	AY
IC5812	VHiTA78M08S-1	J	TA78M08S	AE
IC5850	VHiPQ09RD08-1	J	PQ09RD08	AF
IC5851	VHiPQ05RD08-1	J	PQ05RD08	AF
IC7201	RH-iX3289CEZZ	J	IX3289CE	AQ
IC7202	VHiNJM311M/-1	J	NJM311M	AF
IC9801	VHiM52055FP-1	J	M52055FP	AH
TRANSISTORS				
Q480	VS2SC3928AR-1	J	2SC3928AR	AB
Q523	VS2SC3928AR-1	J	2SC3928AR	AB
Q524	VS2SC3928AR-1	J	2SC3928AR	AB
Q525	VS2SC3928AR-1	J	2SC3928AR	AB
Q901	VS2SC3928AR-1	J	2SC3928AR	AB
Q902	VS2SC3928AR-1	J	2SC3928AR	AB
Q904	VS2SC3928AR-1	J	2SC3928AR	AB
Q905	VS2SC3928AR-1	J	2SC3928AR	AB
Q906	VS2SC3928AR-1	J	2SC3928AR	AB
Q1201	VS2SC3928AR-1	J	2SC3928AR	AB
Q1202	VS2SC3928AR-1	J	2SC3928AR	AB
Q1203	VS2SC3928AR-1	J	2SC3928AR	AB
Q1204	VS2SC3928AR-1	J	2SC3928AR	AB
Q1205	VS2SC3928AR-1	J	2SC3928AR	AB
Q1360	VS2SC3928AR-1	J	2SC3928AR	AB
Q1382	VS2SC3928AR-1	J	2SC3928AR	AB
Q1800	VS2SA1530AR-1	J	2SA1530R	AB
Q1801	VS2SA1530AR-1	J	2SA1530R	AB
Q1802	VS2SA1530AR-1	J	2SA1530R	AB
Q1803	VS2SC3928AR-1	J	2SC3928AR	AB
Q1804	VS2SK30AG//2E	J	2SK30AG	AD
Q1805	VS2SC3928AR-1	J	2SC3928AR	AB
Q1806	VS2SC3928AR-1	J	2SC3928AR	AB
Q1807	VS2SC3928AR-1	J	2SC3928AR	AB
Q1808	VS2SC3928AR-1	J	2SC3928AR	AB
Q1809	VS2SC3928AR-1	J	2SC3928AR	AB
Q1814	VS2SC3928AR-1	J	2SC3928AR	AB
Q1815	VS2SA1530AR-1	J	2SA1530AR	AB
Q1903	VS2SC3928AR-1	J	2SC3928AR	AB
Q1940	VS2SA1530AR-1	J	2SA1530AR	AB
Q1954	VS2SC3928AR-1	J	2SC3928AR	AB
Q1955	VS2SC3928AR-1	J	2SC3928AR	AB
Q1956	VS2SC3928AR-1	J	2SC3928AR	AB
Q2501	VS2SC3928AR-1	J	2SC3928AR	AB
Q3151	VS2SC3928AR-1	J	2SC3928AR	AB

PWB-A: DUNTKA096DE01
SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q3202	VS2SA1530AR-1	J	2SA1530AR	AB
Q3203	VS2SA1530AR-1	J	2SA1530AR	AB
Q3204	VS2SC3928AR-1	J	2SC3928AR	AB
Q3208	VS2SA950-Y/1E	J	2SA950(Y)	AD
Q3211	VS2SC3928AR-1	J	2SC3928AR	AB
Q3212	VS2SC3928AR-1	J	2SC3928AR	AB
Q3219	VS2SA1530AR-1	J	2SA1350AR	AB
Q3220	VS2SC3928AR-1	J	2SC3928AR	AB
Q3221	VS2SC3928AR-1	J	2SC3928AR	AB
Q3222	VS2SC3928AR-1	J	2SC3928AR	AB
Q3223	VS2SC3928AR-1	J	2SC3928AR	AB
Q3224	VS2SC3928AR-1	J	2SC3928AR	AB
▲⚠ Q3225	VS2SC3928AR-1	J	2SC3928AR	AB
Q3227	VS2SC3928AR-1	J	2SC3928AR	AB
Q3228	VS2SC3928AR-1	J	2SC3928AR	AB
Q3229	VS2SC3928AR-1	J	2SC3928AR	AB
Q3261	VS2SA950-Y/1E	J	2SA950(Y)	AD
Q3262	VS2SC3928AR-1	J	2SC3928AR	AB
Q3930	VSDTC314TK/-1	J	DTC314TK	AC
Q3931	VSDTC314TK/-1	J	DTC314TK	AC
Q3933	VS2SC3928AR-1	J	2SC3928AR	AB
Q3934	VS2SC3928AR-1	J	2SC3928AR	AB
Q5810	VS2SC3928AR-1	J	2SC3928AR	AB
Q5811	VS2SC3928AR-1	J	2SC3928AR	AB
Q5812	VS2SC3928AR-1	J	2SC3928AR	AB
Q5850	VS2SC3928AR-1	J	2SC3928AR	AB
Q5851	VS2SC3928AR-1	J	2SC3928AR	AB
Q5852	VS2SC3928AR-1	J	2SC3928AR	AB
Q5920	VS2SA1530AR-1	J	2SA1530AR	AB
Q5960	VS2SC3928AR-1	J	2SC3928AR	AB
Q5961	VS2SC3928AR-1	J	2SC3928AR	AB
Q5962	VS2SC3928AR-1	J	2SC3928AR	AB
Q7205	VS2SC3928AR-1	J	2SC3928AR	AB
Q7206	VS2SC3928AR-1	J	2SC3928AR	AB
Q7207	VS2SC3928AR-1	J	2SC3928AR	AB
Q7281	VS2SC3928AR-1	J	2SC3928AR	AB
Q7290	VS2SC3928AR-1	J	2SC3928AR	AB
Q9801	VSRT1N441C/-1	J	RT1N441C	AB
Q9802	VS2SC3928AR-1	J	2SC3928AR	AB
Q9803	VS2SC3928AR-1	J	2SC3928AR	AB
Q9804	VS2SC3928AR-1	J	2SC3928AR	AB

DIODES

D502	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
D503	VHDHSU119//-1	J	Diode	AB
D504	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D505	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D607	VHDHSU119//-1	J	Diode	AB
D608	VHDHSU119//-1	J	Diode	AB
D1201	VHDHSU119//-1	J	Diode	AB
D1202	VHDHSU119//-1	J	Diode	AB
D1203	VHD1SS226//-1	J	Diode	AB
D1204	VHD1SS226//-1	J	Diode	AB
D1205	VHD1SS226//-1	J	Diode	AB
D1206	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D1207	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D1420	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1450	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1451	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1452	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1453	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1454	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1455	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1456	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1457	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1458	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1490	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
D1491	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
D1492	RH-EX1264CEZZ	J	Zener Diode, 9V	AB
D1493	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D1814	VHDHSU119//-1	J	Diode	AB
D1837	VHDHSU119//-1	J	Diode	AB
D1838	RH-EX0734CEZZ	J	Zener Diode, 12V	AD
D1839	RH-EX0734CEZZ	J	Zener Diode, 12V	AD
D1840	RH-EX0734CEZZ	J	Zener Diode, 12V	AD
D1841	VHDHSU119//-1	J	Diode	AB
D1842	VHDHSU119//-1	J	Diode	AB
D1843	VHDHSU119//-1	J	Diode	AB
D1845	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
D1846	RH-EX1267CEZZ	J	Zener Diode, 11V	AB
D1953	VHDHSU119//-1	J	Diode	AB
D1954	RH-EX1254CEZZ	J	Zener Diode, 7V	AB
D1960	VHDD1F60///-1	J	Diode	AC
D1961	VHDD1F60///-1	J	Diode	AC
D2501	VHDHSU119//-1	J	Diode	AB
D3101	RH-EX1245CEZZ	J	Zener Diode, 5.1V	AB
D3202	VHDHSU119//-1	J	Diode	AB
D3203	VHDDAN202K/-1	J	Diode	AB
D3204	VHDDAN202K/-1	J	Diode	AB
D3208	VHDHSU119//-1	J	Diode	AB
D3210	VHDHSU119//-1	J	Diode	AB
D3211	VHDHSU119//-1	J	Diode	AB
D3219	VHDHSU119//-1	J	Diode	AB
D3220	VHDHSU119//-1	J	Diode	AB
D3297	VHDD1F60///-1	J	Diode	AC
D3906	VHD1SS119//-1	J	Diode	AB
D3914	VHDHSU119//-1	J	Diode	AB
D3915	VHDHSU119//-1	J	Diode	AB
D3921	RH-EX1297CEZZ	J	Zener Diode, 36V	AB
D3923	RH-EX1297CEZZ	J	Zener Diode, 36V	AB
D3937	VHDHSU119//-1	J	Diode	AB
D3938	VHDHSU119//-1	J	Diode	AB
D3939	VHDHSU119//-1	J	Diode	AB
D3940	VHDHSU119//-1	J	Diode	AB
D5802	VHDHSU119//-1	J	Diode	AB
D5803	VHDHSU119//-1	J	Diode	AB
D5850	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D5851	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D5852	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
D7290	VHDHSU119//-1	J	Diode	AB
D7291	VHDHSU119//-1	J	Diode	AB
D7306	VHDHSU119//-1	J	Diode	AB
D7380	VHDHSU119//-1	J	Diode	AB
D9801	VHD1SS226//-1	J	Diode	AB
D9802	VHD1SS226//-1	J	Diode	AB
D9803	VHD1SS226//-1	J	Diode	AB
D9804	VHD1SS226//-1	J	Diode	AB
D9805	VHD1SS226//-1	J	Diode	AB
D9806	VHD1SS226//-1	J	Diode	AB

PACKAGED CIRCUIT

X3151	RCRSB0138GEN1	J	Crystal	AD

FILTERS AND COILS

CF1901	RFiLA0034CEZZ	J	Ceramic Filter	AD
CF1951	RFiLA0034CEZZ	J	Ceramic Filter	AD
CF7301	RFiLA0098CEZZ	J	Ceramic Filter	AD
L801	VPACK4R7J0000	J	Peaking 4.7µH	AB
L1723	VPACK100J0000	J	Peaking 10µH	AB
L1832	VPACK100J0000	J	Peaking 10µH	AB
L1900	VPACK100J0000	J	Peaking 10µH	AB
L1950	VPACK100J0000	J	Peaking 10µH	AB
L3201	VPACK100J0000	J	Peaking 10µH	AB
L5803	VPACK560J0000	J	Peaking 56µH	AB
L5804	VPACK560J0000	J	Peaking 56µH	AB
T7301	RCiLB0164CEZZ	J	Oscillation Coil	AE

CAPACITORS

[EL.··· Electrolytic]

C450	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C451	VCEA0A1CW476M	J	47	16V	EL.	AB
C452	VCEA0A1EW107M	J	100	25V	EL.	AC
C453	VCEA0A1CW476M	J	47	16V	EL.	AB
C454	VCEA0A1CW107M	J	100	16V	EL.	AC
C455	VCEA0A1CW476M	J	47	16V	EL.	AB
C456	VCEA0A1CW227M	J	220	16V	EL.	AC

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C458	VCEA0A1CW107M	J	100	16V	EL.	AC
C459	VCEA0A1CW476M	J	47	16V	EL.	AB
C460	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C461	RC-EZ0739CEZZ	J	1000	16V	EL.	AD
C501	VCFYSA1HB224J	J	0.22	50V	Mylar	AB
C515	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C516	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C517	VCQYTA1HM223J	J	0.022	50V	Mylar	AA
C518	VCSATA1CE225K	J	2.2	16V	Tantalum	AB
C519	VCEAGA1HW474T	J	0.47	50V	EL.	AA
C520	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C521	VCEA0A1CW107M	J	100	16V	EL.	AC
C524	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C525	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C532	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C535	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C607	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C608	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C609	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C610	VCEA0A1CW108M	J	1000	16V	EL.	AD
C613	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C805	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C806	VCEA0A1CW337M	J	330	16V	EL.	AC
C901	VCE9GA1HW335M	J	3.3	50V	EL. (N.P)	AB
C902	VCEA0A1CW337M	J	330	16V	EL.	AC
C903	VCE9GA1HW335M	J	3.3	50V	EL. (N.P)	AB
C904	VCE9GA1HW225M	J	2.2	50V	EL. (N.P)	AB
C905	VCE9GA1HW225M	J	2.2	50V	EL. (N.P)	AB
C910	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C911	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C912	VCEAEA1HW335M	J	3.3	50V	EL.	AB
C1201	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1202	VCE9GA1HW105M	J	1.0	50V	EL. (N.P)	AB
C1203	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C1204	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C1205	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1206	VCKYCY1CB683K	J	0.068	16V	Ceramic	AC
C1207	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C1208	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C1209	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1210	VCEAEA1CW106M	J	10	16V	EL.	AB
C1211	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1212	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1213	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C1214	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1215	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C1307	VCQYTA1HM183J	J	0.018	50V	Mylar	AB
C1308	VCEAEA1HW335M	J	3.3	50V	EL.	AB
C1309	VCEAEA1HW335M	J	3.3	50V	EL.	AB
C1311	VCQYTA1HM183J	J	0.018	50V	Mylar	AB
C1317	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1318	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1323	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1326	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C1328	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1331	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C1332	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1333	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1334	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1337	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1350	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1351	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1352	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1353	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1354	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1355	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1356	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1357	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1387	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1388	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1398	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1399	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1426	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1430	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1431	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1432	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1434	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1435	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1437	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1440	VCEA0A1CW226M	J	22	16V	EL.	AB
C1441	VCE9GA1HW105M	J	1.0	50V	EL. (N.P)	AB
C1455	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1456	VCEA0A1CW107M	J	100	16V	EL.	AC
C1460	VCE9GA1HW105M	J	1.0	50V	EL. (N.P)	AB
C1461	VCE9GA1HW105M	J	1.0	50V	EL. (N.P)	AB
C1632	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1635	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1663	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1804	VCKYCY1EB822K	J	8200p	25V	Ceramic	AA
C1805	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1806	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1807	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1808	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C1810	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1812	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1814	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1815	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C1830	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1833	VCEA0A1VW226M	J	22	35V	EL.	AB
C1835	VCFYSA1HB334J	J	0.33	50V	Mylar	AB
C1836	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C1837	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1838	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1839	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C1840	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1842	VCEA0A1CW337M	J	330	16V	EL.	AC
C1843	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1846	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1847	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1848	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1853	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1854	VCEA0A1CW337M	J	330	16V	EL.	AC
C1856	VCEA0A1CW107M	J	100	16V	EL.	AC
C1857	VCEA0A1CW476M	J	47	16V	EL.	AB
C1858	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1859	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1860	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1861	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1870	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1871	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1872	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1880	VCEAEA1HW474M	J	0.47	50V	EL.	AB
C1901	VCE9GA1HW105M	J	1.0	50V	EL. (N.P)	AB
C1904	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C1905	VCEA0A1CW337M	J	330	16V	EL.	AC
C1906	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1907	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1908	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1914	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1915	VCEAEA1CW106M	J	10	16V	EL.	AB
C1940	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C1941	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1951	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C1952	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C1953	VCEA0A1CW107M	J	100	16V	EL.	AC
C1954	VCE9EA1HW105M	J	1.0	50V	EL. (N.P)	AC
C1955	VCEAEA1HW474M	J	0.47	50V	EL.	AB
C1956	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1957	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1960	VCEA0A1EW107M	J	100	25V	EL.	AC
C1961	VCEA0A1CW337M	J	330	16V	EL.	AC
C1962	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2501	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2502	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2503	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2504	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C2505	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2506	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2507	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2508	VCEA0A1CW476M	J	47	16V	EL.	AB
C3107	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3151	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C3152	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C3153	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C3154	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C3155	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3156	VCKYCY1CB683K	J	0.068	16V	Ceramic	AC
C3157	VCKYCY1HB682K	J	6800p	50V	Ceramic	AA
C3158	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3159	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C3202	VCEA0A0JW337M	J	330	6.3V	EL.	AC
C3204	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C3205	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C3206	VCEA0A1EW476M	J	47	25V	EL.	AB
C3207	VCEA0A0JW108M	J	1000	6.3V	EL.	AC
C3208	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C3209	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3211	VCEAEA1CW106M	J	10	16V	EL.	AB
C3212	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C3215	VCEA0A1EW476M	J	47	25V	EL.	AB
C3216	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C3217	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3219	VCEAEA1CW106M	J	10	16V	EL.	AB
C3220	VCCCPA1HH100D	J	10p	50V	Ceramic	AA
C3230	VCEAEA1CW106M	J	10	16V	EL.	AB
C3231	VCEAEA1CW106M	J	10	16V	EL.	AB
C3290	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3291	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3294	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C3901	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C3902	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C3903	VCKYCY1HB821K	J	820p	50V	Ceramic	AA
C3904	VCKYCY1HB821K	J	820p	50V	Ceramic	AA
C3905	VCEAEA1CW106M	J	10	16V	EL.	AB
C3906	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C3907	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C3908	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C3909	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C3910	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C3911	VCEA0A1CW476M	J	47	16V	EL.	AB
C3912	VCEA0A1CW476M	J	47	16V	EL.	AB
C3914	VCEA0A1EW107M	J	100	25V	EL.	AC
C3915	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3919	VCFYSA1HB124J	J	0.12	50V	Mylar	AB
C3921	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C3922	VCEA0H1VW338M	J	3300	35V	EL.	AG
C3923	VCFYSA1HB124J	J	0.12	50V	Mylar	AB
C3924	VCEA0A1VW108M	J	1000	35V	EL.	AD
C3925	VCEA0A1VW108M	J	1000	35V	EL.	AD
C3932	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3937	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C3939	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5301	VCEAEA1CW106M	J	10	16V	EL.	AB
C5302	VCEAEA1CW106M	J	10	16V	EL.	AB
C5303	VCEAEA1CW106M	J	10	16V	EL.	AB
C5304	VCEAEA1CW106M	J	10	16V	EL.	AB
C5305	VCEA0A1CW107M	J	100	16V	EL.	AC
C5306	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5307	VCEAEA1CW106M	J	10	16V	EL.	AB
C5308	VCEAEA1CW106M	J	10	16V	EL.	AB
C5422	VCEA0A1CW107M	J	100	16V	EL.	AC
C5423	VCEA0A0JW108M	J	1000	6.3V	EL.	AC
C5801	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C5834	VCEAEA1CW106M	J	10	16V	EL.	AB
C5835	VCEAEA1CW106M	J	10	16V	EL.	AB
C5836	VCEAEA1CW106M	J	10	16V	EL.	AB
C5837	VCEAEA1CW106M	J	10	16V	EL.	AB
C5838	VCEAEA1CW106M	J	10	16V	EL.	AB
C5839	VCEAEA1CW106M	J	10	16V	EL.	AB
C5840	VCEA0A1CW107M	J	100	16V	EL.	AC
C5849	VCEA0A1CW227M	J	220	16V	EL.	AC
C5850	VCEA0A1CW476M	J	47	16V	EL.	AB
C5851	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5852	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5853	VCEA0A1CW476M	J	47	16V	EL.	AB
C5854	VCEA0A1CW107M	J	100	16V	EL.	AC
C5855	VCEA0A1CW476M	J	47	16V	EL.	AB
C5856	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C5861	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5862	VCEAEA1CW106M	J	10	16V	EL.	AB
C5863	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5864	VCEA0A1EW106M	J	10	25V	EL.	AB
C7201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7206	VCEAEA1CW106M	J	10	16V	EL.	AB
C7212	VCEA0A1CW476M	J	47	16V	EL.	AB
C7214	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7225	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7226	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7227	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7228	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7229	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7240	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C7242	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C7254	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C7255	VCEAEA1CW106M	J	10	16V	EL.	AB
C7280	VCFYSA1HB224J	J	0.22	50V	Mylar	AB
C7281	VCEAEA1CW106M	J	10	16V	EL.	AB
C7282	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7290	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C7301	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7302	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7303	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7304	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C7308	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C7310	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7320	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C7380	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C9804	VCEA0A1CW476M	J	47	16V	EL.	AB
C9805	VCEA0A1CW476M	J	47	16V	EL.	AB
C9806	VCEA0A1CW476M	J	47	16V	EL.	AB
C9810	VCEA0A1CW226M	J	22	16V	EL.	AB
C9811	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C9812	VCEA0A1CW226M	J	22	16V	EL.	AB
C9820	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C9821	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C9822	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C9864	VCEA0A1CW476M	J	47	16V	EL.	AB
C9962	VCEA0A1CW476M	J	47	16V	EL.	AB
C9963	VCEA0A1CW476M	J	47	16V	EL.	AB
C9971	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C9979	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C9985	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C9986	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C9987	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C9997	VCEA0A1CW476M	J	47	16V	EL.	AB
C9998	VCEA0A1CW476M	J	47	16V	EL.	AB
C9999	VCEA0A1CW476M	J	47	16V	EL.	AB

RESISTORS

[M-Ox.··· Metal Oxide, M-Film··· Metal Film]

R2	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R4	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R8	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R10	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R87	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R88	VRS-TQ2BD000J	J	0	1/8W	M-Ox.	AA
R456	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R457	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R458	VRN-VV3AB2R7J	J	2.7	1W	M-Film	AA
R480	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R481	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R482	VRS-TW2ED102J	J	1.0k	1/4W	M-Ox.	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R498	VRN-SV2HC1R8J	J	1.8	1/2W	M-Film	AB
R499	VRN-SV2HC3R3J	J	3.3	1/2W	M-Film	AA
R501	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R502	VRS-CY1JF154J	J	150k	1/16W	M-Ox.	AA
R503	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R504	VRS-CY1JF104F	J	100k	1/16W	M-Ox.	AA
R505	VRS-CY1JF394J	J	390k	1/16W	M-Ox.	AA
R507	VRS-CY1JF104F	J	100k	1/16W	M-Ox.	AA
R508	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R510	VRS-CY1JF683F	J	68k	1/16W	M-Ox.	AA
R516	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R518	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R519	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R520	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R521	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R522	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R523	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R524	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R525	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R527	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R528	VRS-CY1JF154J	J	150k	1/16W	M-Ox.	AA
R529	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R531	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R532	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R533	VRS-CY1JF154F	J	150k	1/16W	M-Ox.	AA
R534	VRS-CY1JF824J	J	820k	1/16W	M-Ox.	AA
R535	VRS-CY1JF104F	J	100k	1/16W	M-Ox.	AA
R536	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R540	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R541	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R542	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R543	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R547	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R548	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R601	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R607	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R615	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R616	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R617	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R618	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R901	VRS-TW2ED331J	J	330	1/4W	M-Ox.	AA
R903	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R904	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R905	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R906	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R907	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R908	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R910	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R911	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R912	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R913	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R914	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R915	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R916	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R917	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R918	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R920	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R921	VRD-RA2BE563J	J	56k	1/8W	Carbon	AA
R922	VRD-RA2BE563J	J	56k	1/8W	Carbon	AA
R1201	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R1203	VRS-CY1JF563J	J	56k	1/16W	M-Ox.	AA
R1205	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1206	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1207	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1208	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1209	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1210	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1211	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R1213	VRS-CY1JF433J	J	43k	1/16W	M-Ox.	AA
R1215	VRS-CY1JF432J	J	4.3k	1/16W	M-Ox.	AA
R1216	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1217	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1301	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1302	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1303	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1305	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1306	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1320	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1321	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1322	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1323	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1324	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1327	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1334	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R1335	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1338	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R1339	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1341	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1350	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1351	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1352	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1353	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1354	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1355	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1356	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1359	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1360	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1361	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1362	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1363	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1401	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1413	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1415	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1418	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1419	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1420	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1421	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1422	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1426	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1427	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1428	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1429	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1432	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1434	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1435	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1438	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1439	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1440	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1441	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1457	VRN-SV2HC2R2J	J	2.2	1/2W	M-Film	AB
R1490	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1491	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1632	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1635	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1802	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1805	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1806	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1808	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R1809	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1810	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1811	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1812	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1814	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R1815	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1816	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1817	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R1818	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R1819	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R1820	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1821	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1822	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R1823	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R1824	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R1825	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1830	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1831	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★				Description	Code
R1834	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1835	VRS-CY1JF332J	J	3.3k	1/16W		M-Ox.	AA
R1838	VRS-CY1JF471J	J	470	1/16W		M-Ox.	AA
R1840	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R1842	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1843	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1844	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1846	VRS-CY1JF822J	J	8.2k	1/16W		M-Ox.	AA
R1847	VRS-CY1JF223J	J	22k	1/16W		M-Ox.	AA
R1848	VRS-TX2HF680J	J	68	1/2W		M-Ox.	AA
R1850	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R1853	VRS-CY1JF224J	J	220k	1/16W		M-Ox.	AA
R1855	VRS-TW2ED102J	J	1.0k	1/4W		M-Ox.	AA
R1856	VRS-TW2ED102J	J	1.0k	1/4W		M-Ox.	AA
R1857	VRS-TW2ED102J	J	1.0k	1/4W		M-Ox.	AA
R1860	VRS-CY1JF391J	J	390	1/16W		M-Ox.	AA
R1861	VRS-CY1JF391J	J	390	1/16W		M-Ox.	AA
R1862	VRS-CY1JF391J	J	390	1/16W		M-Ox.	AA
R1863	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1866	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1867	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1868	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1869	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1871	VRS-CY1JF820J	J	82	1/16W		M-Ox.	AA
R1872	VRS-CY1JF820J	J	82	1/16W		M-Ox.	AA
R1873	VRS-CY1JF820J	J	82	1/16W		M-Ox.	AA
R1874	VRS-CY1JF100J	J	10	1/16W		M-Ox.	AA
R1875	VRS-CY1JF100J	J	10	1/16W		M-Ox.	AA
R1876	VRS-CY1JF100J	J	10	1/16W		M-Ox.	AA
R1877	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1878	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1881	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1885	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1891	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R1893	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R1895	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R1901	VRS-CY1JF473J	J	47k	1/16W		M-Ox.	AA
R1902	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1903	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1904	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1905	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R1907	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1908	VRS-CY1JF563J	J	56k	1/16W		M-Ox.	AA
R1909	VRS-CY1JF123J	J	12k	1/16W		M-Ox.	AA
R1910	VRS-CY1JF123J	J	12k	1/16W		M-Ox.	AA
R1911	VRS-CY1JF391J	J	390	1/16W		M-Ox.	AA
R1912	VRS-CY1JF682J	J	6.8k	1/16W		M-Ox.	AA
R1913	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1914	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1915	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1916	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1926	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1927	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1928	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1940	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1941	VRS-CY1JF472J	J	4.7k	1/16W		M-Ox.	AA
R1942	VRS-CY1JF223J	J	22k	1/16W		M-Ox.	AA
R1943	VRS-CY1JF152J	J	1.5k	1/16W		M-Ox.	AA
R1944	VRS-CY1JF223J	J	22k	1/16W		M-Ox.	AA
R1945	VRS-CY1JF273J	J	27k	1/16W		M-Ox.	AA
R1951	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1952	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1953	VRS-CY1JF100J	J	10	1/16W		M-Ox.	AA
R1954	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1955	VRS-TW2ED681J	J	680	1/4W		M-Ox.	AA
R1956	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1957	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1958	VRS-CY1JF152J	J	1.5k	1/16W		M-Ox.	AA
R1959	VRS-CY1JF391J	J	390	1/16W		M-Ox.	AA
R1960	VRS-CY1JF682J	J	6.8k	1/16W		M-Ox.	AA
R1962	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1964	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1965	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1969	VRS-CY1JF333J	J	33k	1/16W		M-Ox.	AA
R1970	VRS-CY1JF153J	J	15k	1/16W		M-Ox.	AA
R1971	VRS-CY1JF682J	J	6.8k	1/16W		M-Ox.	AA
R1972	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1973	VRS-CY1JF561J	J	560	1/16W		M-Ox.	AA
R1974	VRS-CY1JF473J	J	47k	1/16W		M-Ox.	AA
R1975	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1978	VRS-CY1JF273J	J	27k	1/16W		M-Ox.	AA
R1979	VRS-CY1JF332J	J	3.3k	1/16W		M-Ox.	AA
R1980	VRS-CY1JF153J	J	15k	1/16W		M-Ox.	AA
R1981	VRS-CY1JF823J	J	82k	1/16W		M-Ox.	AA
R1982	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1983	VRS-CY1JF154J	J	150k	1/16W		M-Ox.	AA
R1984	VRS-CY1JF224J	J	220k	1/16W		M-Ox.	AA
R1990	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R1991	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R1998	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R1999	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R2501	VRS-CY1JF682J	J	6.8k	1/16W		M-Ox.	AA
R2502	VRS-CY1JF392J	J	3.9k	1/16W		M-Ox.	AA
R2503	VRS-CY1JF182J	J	1.8k	1/16W		M-Ox.	AA
R2504	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R2505	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R2506	VRS-CY1JF183J	J	18k	1/16W		M-Ox.	AA
R2507	VRS-CY1JF273J	J	27k	1/16W		M-Ox.	AA
R2508	VRS-CY1JF682J	J	6.8k	1/16W		M-Ox.	AA
R2509	VRS-CY1JF393J	J	39k	1/16W		M-Ox.	AA
R2510	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R2709	VRS-TV1JD392J	J	3.9k	1/10W		M-Ox.	AA
R2710	VRS-TV1JD681J	J	680	1/10W		M-Ox.	AA
R3130	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R3131	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R3132	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3150	VRS-CY1JF474J	J	470k	1/16W		M-Ox.	AA
R3151	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R3152	VRS-CY1JF471J	J	470	1/16W		M-Ox.	AA
R3153	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3154	RR-SZ0080CEZZ	J	22M	1/8W		M-Ox.	AA
R3155	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3156	VRS-CY1JF471J	J	470	1/16W		M-Ox.	AA
R3157	VRS-CY1JF682J	J	6.8k	1/16W		M-Ox.	AA
R3158	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R3159	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R3160	VRS-CY1JF101J	J	100	1/16W		M-Ox.	AA
R3161	VRD-RA2BE102J	J	1.0k	1/8W		Carbon	AA
R3179	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3199	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3200	VRS-CY1JF153J	J	15k	1/16W		M-Ox.	AA
R3201	VRS-CY1JF153J	J	15k	1/16W		M-Ox.	AA
R3202	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3203	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3206	VRS-CY1JF223J	J	22k	1/16W		M-Ox.	AA
R3207	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R3208	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R3210	VRS-CY1JF223J	J	22k	1/16W		M-Ox.	AA
R3211	VRS-CY1JF223J	J	22k	1/16W		M-Ox.	AA
R3212	VRS-CY1JF104J	J	100k	1/16W		M-Ox.	AA
R3213	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R3214	VRS-CY1JF333J	J	33k	1/16W		M-Ox.	AA
R3215	VRS-CY1JF000J	J	0	1/16W		M-Ox.	AA
R3216	VRS-CY1JF222J	J	2.2k	1/16W		M-Ox.	AA
R3217	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R3219	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R3220	VRS-CY1JF184J	J	180k	1/16W		M-Ox.	AA
R3221	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R3225	VRS-CY1JF153J	J	15k	1/16W		M-Ox.	AA
R3228	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R3229	VRS-CY1JF563J	J	56k	1/16W		M-Ox.	AA
▲⚠ R3230	VRS-CY1JF563J	J	56k	1/16W		M-Ox.	AA
R3232	VRS-CY1JF393J	J	39k	1/16W		M-Ox.	AA
R3235	VRS-CY1JF102J	J	1.0k	1/16W		M-Ox.	AA
R3236	VRS-CY1JF103J	J	10k	1/16W		M-Ox.	AA
R3237	VRS-CY1JF273J	J	27k	1/16W		M-Ox.	AA

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Ref. No.	Part No.	★	Description	Code
R3238	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3239	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R3240	VRS-CY1JF334J	J	330k 1/16W M-Ox.	AA
R3241	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3242	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3245	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R3246	VRS-TX2HF6R8J	J	6.8 1/2W M-Ox.	AA
R3248	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R3259	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA
R3260	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA
R3261	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R3263	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3264	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R3265	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3266	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3267	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3271	VRS-CY1JF273J	J	27k 1/16W M-Ox.	AA
R3272	VRS-CY1JF683J	J	68k 1/16W M-Ox.	AA
R3273	VRS-CY1JF393J	J	39k 1/16W M-Ox.	AA
R3279	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3280	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3296	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3297	VRS-TX2HF390J	J	39 1/2W M-Ox.	AA
R3298	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3901	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3902	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3903	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3904	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3906	VRD-RA2BE223J	J	22k 1/8W Carbon	AA
R3907	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R3913	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3919	VRS-TW2ED2R2J	J	2.2 1/4W M-Ox.	AB
R3921	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R3923	VRS-TW2ED2R2J	J	2.2 1/4W M-Ox.	AB
R3929	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3930	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3931	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3932	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3933	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3937	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R3938	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA
R3939	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R3940	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA
R3941	VRN-VV3ABR47J	J	0.47 1W M-Film	AA
R5301	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5302	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5303	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5304	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5305	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5306	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5307	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5308	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5309	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5310	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5311	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5312	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5401	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R5404	VRN-SV2HC3R3J	J	3.3 1/2W M-Film	AA
R5801	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5808	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5809	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5810	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5812	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5813	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5814	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5815	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5816	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5817	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5818	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5819	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5820	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5821	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5822	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5823	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5824	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5850	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R5851	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5853	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R5854	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5855	VRN-VV3AB2R2J	J	2.2 1W M-Film	AA
R5856	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R5857	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5858	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R5859	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R5860	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R5861	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R5866	VRN-SV2HC2R2J	J	2.2 1/2W M-Film	AB
R5911	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5918	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5919	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5920	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA
R5921	VRS-SV2HC180J	J	18 1/2W M-Ox.	AA
R5924	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R5925	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R5926	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5927	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R5928	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R5929	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5930	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R5931	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5932	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5946	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R5960	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5961	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5962	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5963	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5964	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5965	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5991	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R6550	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R6551	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R6552	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R6553	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R6554	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R6555	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R7201	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7202	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R7203	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R7204	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R7205	VRS-CY1JF181J	J	180 1/16W M-Ox.	AA
R7207	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7208	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R7209	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7210	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R7225	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7226	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7227	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7228	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7229	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7235	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R7246	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R7247	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R7251	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R7254	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7281	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R7282	VRS-CY1JF123J	J	12k 1/16W M-Ox.	AA
R7283	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R7290	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R7291	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7292	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R7293	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R7301	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R7302	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R7303	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R7304	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7321	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R7330	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R7333	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7377	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA
R7378	VRS-CY1JF105J	J	1.0M 1/16W M-Ox.	AA
R7381	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7382	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R7385	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R9800	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA
R9801	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA
R9802	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA
R9814	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9815	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9816	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9817	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R9818	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R9819	VRS-TV1JD151J	J	150 1/10W M-Ox.	AA
R9820	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R9821	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R9822	VRS-TV1JD151J	J	150 1/10W M-Ox.	AA
R9823	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R9824	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R9825	VRS-TV1JD151J	J	150 1/10W M-Ox.	AA
R9826	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R9827	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9840	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9841	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9842	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9868	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R9869	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R9870	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R9962	VRS-TV1JD750J	J	75 1/10W M-Ox.	AA
R9963	VRS-TV1JD750J	J	75 1/10W M-Ox.	AA
R9964	VRS-TV1JD750J	J	75 1/10W M-Ox.	AA
R9971	VRS-TV1JD750J	J	75 1/10W M-Ox.	AA
R9979	VRS-TV1JD750J	J	75 1/10W M-Ox.	AA
R9980	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9981	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R9982	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R9983	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9984	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9985	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9986	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R9987	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R9988	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9989	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9990	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9991	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R9992	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R9993	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R9994	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9995	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R9996	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA

MISCELLANEOUS PARTS

FB1800	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5850	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5851	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5852	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7201	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7202	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7203	RBLN-0061TAZZ	J	Ferrite Bead	AD
J1401	QTANJ1232CEZZ	J	Terminal, A/V IN1-4	AL
J1402	QTANJ0438CEZZ	J	Terminal, Audio IN5/OUT	AH
J1511	QSOCD0440CEZZ	J	Socket, S-Video IN1,3	AH
P411	QPLGZ1393GEZZ	J	Plug, 13-pin (SC)	AE
P412	QPLGZ1040CEZZ	J	Plug, 10-pin (LA)	AE
P413	QPLGZ1040CEZZ	J	Plug, 10-pin (LB)	AE
P1401	QPLGN0641CEZZ	J	Plug, 6-pin (I)	AB
P1801	QPLGN0878GEZZ	J	Plug, 8-pin (CJ)	AC
P1802	QPLGN0541CEZZ	J	Plug, 5-pin (PA)	AB
P2501	QPLGN0241CEZZ	J	Plug, 2-pin (ZC)	AA
P3921	QPLGN0841CEZZ	J	Plug, 8-pin (SH)	AB
P5805	QPLGN1041CEZZ	J	Plug, 10-pin (RE)	AC
P9801	QPLGN0678GEZZ	J	Plug, 6-pin (RD)	AB
SC1401	QSOCZ3041CEZZ	J	Socket, 30-pin (JA)	AF
SC1402	QSOCZ4041CEZZ	J	Socket, 40-pin (JB)	AG
SC3101	QSOCN1495REZZ	J	Socket, 14-pin (RB)	AC
SC3201	QSOCN0473FJZZ	J	Socket, 40-pin (MA)	AH
SC3202	QSOCN0473FJZZ	J	Socket, 40-pin (MB)	AH
SC3203	QSOCN0264FJ00	J	Socket, 15-pin (YC)	AH
SC3204	QSOCN0695REZZ	J	Socket, 6-pin (RA)	AB
SC3206	QSOCN1295REZZ	J	Socket, 12-pin (RC)	AC
SC5501	QSOCZ1541CEZZ	J	Socket, 15-pin (ZA)	AD
SC5502	QSOCZ1541CEZZ	J	Socket, 15-pin (ZB)	AD
SC5801	QSOCN1585CEZZ	J	Socket, 15-pin (IO)	AD
SC5901	QSOCN1585CEZZ	J	Socket, 15-pin (IP)	AD
SC6001	QSOCZ4041CEZZ	J	Socket, 40-pin (YA)	AG
RDA452	PRDAR5195CEFW	J	Heat Sink, for IC452	AB
RDA454	PRDAR5195CEFW	J	Heat Sink, for IC454	AB
RDA3901	PRDAR3084CEFW	J	Heat Sink, for IC3901	AK
TP1801	QLUGP0111GEFW	J	Lug	AA
TP1805	QTiPM0083CEZZ	J	Tip (XG)	AB
TP1806	QTiPM0083CEZZ	J	Tip (XG)	AB
W1	LHLDW3010GEZZ	J	Holder	AA
W2	LHLDW3010GEZZ	J	Holder	AA
W3	LHLDW3010GEZZ	J	Holder	AA
W4	LHLDW3010GEZZ	J	Holder	AA
W5	LHLDW3010GEZZ	J	Holder	AA
W6	LHLDW3010GEZZ	J	Holder	AA
	QCNW-5524CEZZ	J	Connecting Cord	AD
	QCNW-5533CEZZ	J	Connecting Cord	AF
	QCNW-5568CEZZ	J	Connecting Cord	AM
	QCNW-5654CEZZ	J	Connecting Cord	AE
	LCHSM0339CEK0	J	Chassis Frame	AM
	LHLDF0046PEZZ	J	Holder	AC
	LHLDW1046CEZZ	J	Holder	AA
	LX-BZ3100CEFD	J	Screw	AA
	XTASD30P12000	J	Screw	AA

PWB-B: DUNTKA100DE01
CRT UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC850	VHiTDA6120Q-1	J	TDA6120Q/N2	AU
IC851	VHiTDA6120Q-1	J	TDA6120Q/N2	AU
IC852	VHiTDA6120Q-1	J	TDA6120Q/N2	AU

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q851	VS2SA1246//1E	J	2SA1246	AE
Q852	VS2SC4636//1E	J	2SC4636	AM
Q854	VS2SC3928AR-1	J	2SC3928AR	AB
Q5405	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q5406	VS2SA1266-Y-1	J	2SA1266(Y)	AA
Q5407	VS2SA1837//-1	J	2SA1837	AF
Q5408	VS2SC4793//-1	J	2SC4793	AF

DIODES

Ref. No.	Part No.	★	Description	Code
D851	VHD1SS119//-1	J	Diode	AB
D852	RH-EX0222CEZZ	J	Zener Diode	AB
D853	VHD1SS355//-1	J	Diode	AB
D854	VHD1SS355//-1	J	Diode	AB
D855	VHD1SS355//-1	J	Diode	AB
D861	RH-DX0220CEZZ	J	Diode	AB
D862	RH-DX0220CEZZ	J	Diode	AB
D863	RH-DX0220CEZZ	J	Diode	AB
D864	VHD1SS355//-1	J	Diode	AB
D865	RH-DX0220CEZZ	J	Diode	AB
D866	RH-DX0220CEZZ	J	Diode	AB
D5403	VHD1SS119//-1	J	Diode	AB
D5404	RH-DX0487CEZZ	J	Diode	AC
D5405	RH-DX0487CEZZ	J	Diode	AC
D5410	VHD1SS119//-1	J	Diode	AB

COILS

Ref. No.	Part No.	★	Description	Code
L860	VP-MK1R0K0000	J	Peaking 1µH	AB
L861	VP-MK1R0K0000	J	Peaking 1µH	AB
L862	VP-MK1R0K0000	J	Peaking 1µH	AB
L863	RCiLP0227CEZZ	J	Coil	AE

CONTROL

Ref. No.	Part No.	★	Description	Code
R871	RVR-B5784CEZZ	J	20M Focus Adj.	AH

CAPACITORS

[EL.··· Electrolytic]

Ref. No.	Part No.	★				Code
C850	VCEA0A1CW337M	J	330	16V	EL.	AC
C853	VCEA0A1CW108M	J	1000	16V	EL.	AD
C855	VCFYAA2EA104J	J	0.1	250V	Mylar	AD
C856	VCFYAA2EA104J	J	0.1	250V	Mylar	AD
C857	VCFYAA2EA104J	J	0.1	250V	Mylar	AD
C861	VCKYTV1HF104Z	J	0.1	50V	Ceramic	AA
C862	VCKYTV1HF104Z	J	0.1	50V	Ceramic	AA
C863	VCEAEA1CW106M	J	10	16V	EL.	AB
C864	VCCCTV1HH221J	J	220p	50V	Ceramic	AA
C865	VCKYTV1HF104Z	J	0.1	50V	Ceramic	AA
C866	VCCCTV1HH221J	J	220p	50V	Ceramic	AA
C867	VCCCTV1HH221J	J	220p	50V	Ceramic	AA
C868	VCEA0A2EW476M	J	47	250V	EL.	AE
C869	RC-KZ018JCEZZ	J	0.01	3kV	Ceramic	AC
C871	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C874	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C877	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C881	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C882	RC-KZ1033CEZZ	J	0.033	250V	Ceramic	AD
C883	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C885	VCCCTV1HH270J	J	27p	50V	Ceramic	AA
C887	VCEA0A1CW227M	J	220	16V	EL.	AC
C888	RC-KZ1033CEZZ	J	0.033	250V	Ceramic	AD
C890	RC-KZ1033CEZZ	J	0.033	250V	Ceramic	AD
C5405	VCEA0A1EW476M	J	47	25V	EL.	AB
C5407	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C5408	VCKYPA2HB472K	J	4700p	500V	Ceramic	AB
C5409	VCKYPA1HB472K	J	4700p	50V	Ceramic	AA
C5410	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C5411	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C5412	VCEA0A1CW476M	J	47	16V	EL.	AB
C5413	VCEA0A1CW476M	J	47	16V	EL.	AB
C5414	VCEA0A2CW106M	J	10	160V	EL.	AD
C5415	VCEA0A2AW106M	J	10	100V	EL.	AC
C5417	VCCSPA2HL560K	J	56p	500V	Ceramic	AA

RESISTORS

[M-Ox.··· Metal Oxide]

Ref. No.	Part No.	★				Code
R850	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R851	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R852	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R853	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R854	VRD-RA2BE183J	J	18k	1/8W	Carbon	AA
R855	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R856	VRC-MA2HG224J	J	220k	1/2W	Solid	AA
R859	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R861	VRS-TV1JD152J	J	1.5k	1/10W	M-Ox.	AA
R862	VRS-TV1JD222J	J	2.2k	1/10W	M-Ox.	AA
R863	VRS-TV1JD101J	J	100	1/10W	M-Ox.	AA
R864	VRS-TV1JD101J	J	100	1/10W	M-Ox.	AA
R865	VRS-TV1JD332J	J	3.3k	1/10W	M-Ox.	AA
R866	VRS-TV1JD101J	J	100	1/10W	M-Ox.	AA
R867	VRS-TV1JD101J	J	100	1/10W	M-Ox.	AA
R868	VRS-TV1JD101J	J	100	1/10W	M-Ox.	AA
R869	VRS-TV1JD101J	J	100	1/10W	M-Ox.	AA
R872	VRS-TV1JD000J	J	0	1/10W	M-Ox.	AA
R874	VRS-TV1JD153J	J	15k	1/10W	M-Ox.	AA
R875	VRS-TV1JD000J	J	0	1/10W	M-Ox.	AA
R876	VRS-TV1JD000J	J	0	1/10W	M-Ox.	AA
R877	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R878	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R879	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R880	VRS-KA3HG223J	J	22k	5W	M-Ox.	AD
R881	VRS-TV1JD153J	J	15k	1/10W	M-Ox.	AA
R883	VRS-KA3HG223J	J	22k	5W	M-Ox.	AD
R884	VRS-KA3HG223J	J	22k	5W	M-Ox.	AD
R885	VRS-TV1JD153J	J	15k	1/10W	M-Ox.	AA
R886	VRS-TV1JD153J	J	15k	1/10W	M-Ox.	AA
R887	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
R888	VRC-MA2HG221K	J	220	1/2W	Solid	AA
R889	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
R890	VRS-TV1JD223J	J	22k	1/10W	M-Ox.	AA
R891	VRC-MA2HG221K	J	220	1/2W	Solid	AA
R892	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
R893	VRC-MA2HG224J	J	220k	1/2W	Solid	AA
R894	VRC-MA2HG221K	J	220	1/2W	Solid	AA
R895	VRS-TV1JD472J	J	4.7k	1/10W	M-Ox.	AA
R896	VRS-TV1JD152J	J	1.5k	1/10W	M-Ox.	AA
R5412	VRD-RA2BE100J	J	10	1/8W	Carbon	AA
R5413	VRD-RA2BE820J	J	82	1/8W	Carbon	AA
R5414	VRD-RA2BE820J	J	82	1/8W	Carbon	AA
R5415	VRD-RA2BE122J	J	1.2k	1/8W	Carbon	AA
R5416	VRD-RA2BE683J	J	68k	1/8W	Carbon	AA
R5417	VRD-RA2BE123J	J	12k	1/8W	Carbon	AA
R5418	VRD-RA2BE683J	J	68k	1/8W	Carbon	AA
R5419	VRD-RA2BE122J	J	1.2k	1/8W	Carbon	AA
R5420	VRD-RA2EE560J	J	56	1/4W	Carbon	AA
R5421	VRD-RA2EE560J	J	56	1/4W	Carbon	AA
R5422	VRD-RA2EE2R7J	J	2.7	1/4W	Carbon	AA
R5423	VRD-RA2EE2R7J	J	2.7	1/4W	Carbon	AA
R5424	VRS-VV3DB221J	J	220	2W	M-Ox.	AA
⚠ R5425	VRS-VV3DB471J	J	470	2W	M-Ox.	AA
R5427	VRS-TX2HF391J	J	390	1/2W	M-Ox.	AA
R5428	VRS-TX2HF000J	J	0	1/2W	M-Ox.	AA
R5430	VRD-RA2BE100J	J	10	1/8W	Carbon	AA
⚠ R5431	VRS-SV2HC120J	J	12	1/2W	M-Ox.	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB850	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB851	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB852	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB861	RBLN-0037CEZZ	J	Ferrite Bead	AB
P853	QTiPM0083CEZZ	J	Tip (CE)	AB
P855	QTiPM0083CEZZ	J	Tip (K856)	AB

Ref. No.	Part No.	★	Description	Code

PWB-B: DUNTKA100DE01
CRT UNIT (Continued)

	P857	QTiPM0083CEZZ	J	Tip (K857)	AB
	P861	QPLGN0878GEZZ	J	Plug, 8-pin (CJ)	AC
	P862	QPLGN0741CEZZ	J	Plug, 7-pin (N)	AC
	P5401	QPLGN0241CEZZ	J	Plug, 2-pin (PU)	AA
	SC861	QSOCV1011CEZZ	J	CRT Socket	AF
	RDA850	PRDAR3230CEFW	J	Heat Sink, for IC850	AK
	RDA851	PRDAR3230CEFW	J	Heat Sink, for IC851	AK
	RDA852	PRDAR3230CEFW	J	Heat Sink, for IC852	AK
	RDA5401	PRDAR1326CEFW	J	Heat Sink, for Q5407	AE
	RDA5402	PRDAR1326CEFW	J	Heat Sink, for Q5408	AE
⚠	SG860	QSPGC0015CEZZ	J	Spark Gap	AB
⚠	SG861	QSPGC0015CEZZ	J	Spark Gap	AB
⚠	SG862	QSPGC0015CEZZ	J	Spark Gap	AB
⚠	SG863	QSPGC0015CEZZ	J	Spark Gap	AB
	TP47	QLUGP0111GEFW	J	Lug, Test Point	AA
		QCNW-5569CEZZ	J	Connecting Cord	AN
		QCNW-5570CEZZ	J	Connecting Cord	AF
		QCNW-5573CEZZ	J	Connecting Cord	AE
		LHLDW1142CEZZ	J	Holder	AB
		LHLDW1187CEKZ	J	Holder	AB
		LX-BZ0086TAFD	J	Screw	AA
		LX-BZ3100CEFD	J	Screw	AA

PWB-C: DUNTKA140DE01
POWER UNIT

INTEGRATED CIRCUITS

	IC550	VHiLA7841//-1	J	LA7841	AM
	IC601	VHiiR9358//-1	J	IR9358	AD
▲⚠	IC701	VHiSTRF66291E	J	STRF6629B	AT
⚠	IC702	RH-FX0008GEZZ	J	PC123FY8	AE
⚠	IC741	VHiSE130N//-1	J	SE130N	AF
	IC770	VHiPQ1CG2031E	J	PQ1CG2032RZ	AK
	IC1550	VHiiR9358//-1	J	IR9358	AD

TRANSISTORS

	Q601	VS2SD1830//1E	J	2SD1830	AF
	Q602	VS2SA1246//1E	J	2SA1246	AE
	Q612	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q613	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q639	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q650	VS2SC4636//1E	J	2SC4636	AM
	Q672	VSRDN080N251E	J	RDN080N25	AF
⚠	Q673	VS2SC5612++1E	J	2SC5612	AX
⚠	Q680	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q683	VS2SC3198-G-1	J	2SC3198(G)	AA
	Q684	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q694	VSRDN080N251E	J	RDN080N25	AF
⚠	Q750	VS2SA1376-K-1	J	2SA1376(K)	AC
	Q781	VS2SA1266-Y-1	J	2SA1266(Y)	AA
	Q782	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q1552	VS2SA1275Y/-1	J	2SA1275Y	AC
	Q1553	VS2SC3228Y/-1	J	2SC3288Y	AC

DIODES

	D551	RH-DX0295CEZZ	J	Diode	AD
	D560	RH-EX0437GEZZ	J	Zener Diode, 3V	AB
	D581	VHD1SS119//-1	J	Diode	AB
	D582	RH-EX0365GEZZ	J	Zener Diode, 4.8V	AA
	D583	RH-EX0654CEZZ	J	Zener Diode, 75V	AD
	D613	VHD1SS119//-1	J	Diode	AB
	D615	RH-DX0302CEZZ	J	Diode	AC
	D623	VHD1SS119//-1	J	Diode	AB
	D624	VHD1SS119//-1	J	Diode	AB
⚠	D630	RH-DX0302CEZZ	J	Diode	AC
⚠	D631	RH-DX0229CEZZ	J	Diode	AF
	D632	RH-DX0295CEZZ	J	Diode	AD
	D633	VHD1SS119//-1	J	Diode	AB
	D636	VHD1SS119//-1	J	Diode	AB
	D637	VHD1SS119//-1	J	Diode	AB
	D640	RH-DX0511CEZZ	J	Diode	AE
	D641	RH-EX0393GEZZ	J	Zener Diode, 9V	AB
▲⚠	D642	RH-DX0518CEZZ	J	Diode	AL
	D643	VHD1SS119//-1	J	Diode	AB
	D644	VHD1SS119//-1	J	Diode	AB
⚠	D646	RH-DX0452CEZZ	J	Diode	AH
	D648	RH-DX0511CEZZ	J	Diode	AE
⚠	D651	RH-DX0302CEZZ	J	Diode	AC
	D682	RH-DX0226CEZZ	J	Diode	AC
	D701	RH-EX0366GEZZ	J	Zener Diode, 4.7V	AA
	D702	RH-EX0207CEZZ	J	Zener Diode, 30V	AA
⚠	D703	RH-DX0504CEZZ	J	Diode	AH
	D704	RH-DX0066GEZZ	J	Diode	AB
	D705	RH-DX0321CEZZ	J	Diode	AC
	D706	VHD1SS244//-1	J	Diode	AB
	D707	VHD1SS244//-1	J	Diode	AB
▲⚠	D730	RH-DX0487CEZZ	J	Diode	AC
▲⚠	D731	RH-EX1402CEZZ	J	Zener Diode, 6V	AB
▲⚠	D732	RH-EX1402CEZZ	J	Zener Diode, 6V	AB
⚠	D752	RH-DX0515CEZZ	J	Diode	AF
⚠	D753	RH-DX0398CEZZ	J	Diode	AG
⚠	D754	RH-DX0436CEZZ	J	Diode	AG
⚠	D756	RH-DX0452CEZZ	J	Diode	AH
	D757	RH-DX0295CEZZ	J	Diode	AD
	D761	RH-EX0207CEZZ	J	Zener Diode, 30V	AA
	D762	RH-DX0492CEZZ	J	Diode	AE
	D763	RH-DX0492CEZZ	J	Diode	AE

PWB-C: DUNTKA140DE01
POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D764	RH-DX0492CEZZ	J	Diode	AE
D770	RH-DX0473CEZZ	J	Diode	AK
D771	VHD1SS119//-1	J	Diode	AB
D772	RH-EX0393GEZZ	J	Zener Diode, 9V	AB
D781	VHD1SS119//-1	J	Diode	AB
D782	VHD1SS119//-1	J	Diode	AB
D783	RH-EX0408GEZZ	J	Zener Diode, 12V	AB
D784	VHD1SS119//-1	J	Diode	AB
D785	VHD1SS119//-1	J	Diode	AB
D786	RH-EX0362GEZZ	J	Zener Diode, 4.4V	AA
D787	VHD1SS119//-1	J	Diode	AB
D788	RH-EX0393GEZZ	J	Zener Diode, 9V	AB
D789	VHD1SS119//-1	J	Diode	AB
D790	VHD1SS119//-1	J	Diode	AB
D791	VHD1SS119//-1	J	Diode	AB
D792	RH-EX0378GEZZ	J	Zener Diode, 6V	AA

COILS

Ref. No.	Part No.	★	Description	Code
L611	RCiLZ1028CEZZ	J	Coil	AH
L613	RCiLZ1051CEZZ	J	Coil	AK
L639	RCiLZ0858CEZZ	J	Coil	AM
L640	RCiLP0236CEZZ	J	Coil	AE
L641	RCiLZ1049CEZZ	J	Coil	AG
L642	RCiLZ1030CEZZ	J	Coil	AG
L752	RCiLP0228CEZZ	J	Coil	AE
L754	RCiLP0235CEZZ	J	Coil	AC
L770	RCiLP0366CEZZ	J	Coil	AG
L771	RCiLP0228CEZZ	J	Coil	AE

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T630	RTRNF2040CEZZ	J	H-Volt Transformer	BD
⚠ T631	RTRNZ0539BMZZ	J	Transformer	AH
T633	RTRNZ0726CEZZ	J	Transformer	AM
⚠ T701	RTRNZ0779CEZZ	J	Transformer	AV

CONTROL

Ref. No.	Part No.	★	Description	Code
R621	RVR-B0102CEZZ	J	100(B) H-Position	AG

CAPACITORS

[EL.··· Electrolytic, M-Poly.··· Metalized Polypro Film]

Ref. No.	Part No.	★				Code
C551	VCEA0A1EW107M	J	100	25V	EL.	AC
C552	VCEA0A1EW107M	J	100	25V	EL.	AC
C555	RC-QZ0037CEZZ	J	0.01	100V	Mylar	AB
C564	RC-FZ0272CEZZ	J	0.39	100V	Mylar	AD
C565	VCKYPA2HB471K	J	470p	500V	Ceramic	AA
C566	VCFYSA1HB563J	J	0.056	50V	Mylar	AA
C567	VCEA4A1HN107M	J	100	50V	EL.	AC
C577	VCKYPA1HB471K	J	470p	50V	Ceramic	AA
C584	VCCSPA2HL220K	J	22p	500V	Ceramic	AA
C621	VCEA0A1VW226M	J	22	35V	EL.	AB
C622	VCFYSA1HB224J	J	0.22	50V	Mylar	AB
C636	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C637	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C638	VCKYPA2HB101K	J	100p	500V	Ceramic	AA
C639	VCEAGA1VW108M	J	1000	35V	EL.	AD
C640	VCEA0A1EW108M	J	1000	25V	EL.	AD
C641	VCEA0A1EW108M	J	1000	25V	EL.	AD
C642	VCE9GA1HW335M	J	3.3	50V	EL. (N.P)	AB
C643	VCKYPA1HB391K	J	390p	50V	Ceramic	AA
C644	VCKYPA1HB391K	J	390p	50V	Ceramic	AA
C646	VCQYTA2AA104K	J	0.1	100V	Mylar	AB
C647	VCQPPB2JB392J	J	3900p	630V	M-Poly	AB
C648	VCQPPB2JB332J	J	3300p	630V	M-Poly	AB
C649	RC-FZ0374CEZZ	J	4.7	100V	Mylar	AF
C650	VCFPVC3DA302H	J	3000p	2kV	M-Poly.	AE
C651	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C652	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C653	VCEA0H2EW107M	J	100	250V	EL.	AF
⚠ C655	VCFPVC3DA202H	J	2000p	1.8kV	M-Poly.	AE
▲⚠ C656	VCFPVC3DA182H	J	1800p	1.8kV	M-Poly.	AE
C660	VCFPVC3DA222H	J	2200p	1.8kV	M-Poly.	AE
C661	VCFPVC3DA242H	J	2400p	1.8kV	M-Poly.	AE
C672	VCFPGU2EC473J	J	0.047	250V	M-Poly.	AD
C674	VCFPGU2EC304J	J	0.3	250V	M-Poly.	AE
C680	RC-QZA223TAYJ	J	0.022	50V	Mylar	AB
C681	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C682	VCFPGU2EC564J	J	0.56	250V	M-Poly.	AE
C684	VCFPGU2EC514J	J	0.51	250V	M-Poly.	AE
C685	RC-KZ0144CEZZ	J	150p	3kV	Ceramic	AC
C686	RC-KZ0024CEZZ	J	0.001	2kV	Ceramic	AC
C687	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C701	VCKYPA2HB471K	J	470p	500V	Ceramic	AA
⚠ C702	RC-KZ0016CEZZ	J	0.01	250V	Ceramic	AC
C703	RC-KZ0290CEZZ	J	150p	2kV	Ceramic	AC
⚠ C704	RC-KZ0016CEZZ	J	0.01	250V	Ceramic	AC
C705	RC-EZ0686CEZZ or RC-EZ0617CEZZ	J	1000	200V	Ceramic	AR
C706	VCFPVC3CA332H	J	3300p	1.6kV	M-Poly.	AD
C707	VCEA0A1VW107M	J	100	35V	EL.	AC
C708	VCQYTA1HM272J	J	2700p	50V	Mylar	AA
C709	VCQPPB2GB473K	J	0.047	400V	Mylar	AD
C710	RC-KZ0300CEZZ	J	1000p	2kV	Ceramic	AC
C711	VCKYPA1HB331K	J	330p	50V	Ceramic	AA
C712	RC-KZ0290CEZZ	J	150p	2kV	Ceramic	AC
⚠ C715	RC-KZ0312CEZZ or RC-KZ0093GEZZ	J	4700p		Ceramic	AD
C730	VCEA0A1VW107M	J	100	35V	EL.	AC
C741	VCEA0A2AW105M	J	1.0	100V	EL.	AB
C750	VCEA0A1CW227M	J	220	16V	EL.	AC
C751	RC-KZ0300CEZZ	J	1000	2kV	Ceramic	AC
C755	RC-KZ0296CEZZ	J	470p	2kV	Ceramic	AC
C756	RC-EZ1118CEZZ	J	1500	35V	EL.	AF
C757	RC-EZ1100CEZZ	J	1000	25V	EL.	AF
C758	RC-EZ1089CEZZ	J	2200	16V	EL.	AF
C760	RC-EZ1278CEZZ	J	330	180V	EL.	AH
C762	VCEA0A1EW107M	J	100	25V	EL.	AC
C763	VCEA0A1EW107M	J	100	25V	EL.	AC
C764	RC-EZ1277CEZZ	J	220	180V	EL.	AH
C765	VCEA0A1HW107M	J	100	50V	EL.	AB
C766	VCE9GA1HW105M	J	1.0	50V	EL. (N.P)	AB
C767	VCEA0A1HW106M	J	10	50V	EL.	AB
C768	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C770	VCEA0A1EW228M	J	2200	25V	EL.	AF
C771	RC-EZ1071CEZZ	J	680	10V	EL.	AD
C772	VCEA0A1AW107M	J	100	10V	EL.	AB
C781	VCEA0A1EW476M	J	47	25V	EL.	AB
C1551	VCEA0A1HW106M	J	10	50V	EL.	AB
C1552	VCEA0A1VW106M	J	10	35V	EL.	AB
C1553	VCEA0A1VW106M	J	10	35V	EL.	AB

RESISTORS

[M-Ox.··· Metal Oxide, M-Film··· Metal Film]

Ref. No.	Part No.	★				Code
R553	VRS-VV3LB221J	J	220	3.0W	M-Ox.	AB
R555	VRD-RA2BE1R0J	J	1.0	1/8W	Carbon	AA
R556	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R558	VRN-RA2BK153F	J	15k	1/8W	M-Film	AA
R559	VRN-RA2BK223F	J	22k	1/8W	M-Film	AB
R560	VRN-VV3DB1R2J	J	1.2	2W	M-Film	AA
R565	VRN-RA2BK223F	J	22k	1/8W	M-Film	AB
R568	VRN-RA2BK153F	J	15k	1/8W	M-Film	AA
R585	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R586	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R588	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R602	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R603	VRD-RA2HD182J	J	1.8k	1/2W	Carbon	AA
R604	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R605	VRD-RA2HD822J	J	8.2k	1/2W	Carbon	AA
R606	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
⚠ R608	VRN-VV3LBR22J	J	0.22	3.0W	M-Film	AB
R609	VRD-RA2HD104J	J	100k	1/2W	Carbon	AA
R610	VRD-RA2HD104J	J	100k	1/2W	Carbon	AA
R611	VRS-VV3AB103J	J	10k	1W	M-Ox.	AA
⚠ R620	VRW-KQ3NC3R3K	J	3.3	7.0W	Cement	AE
⚠ R622	VRN-VV3AB6R8J	J	6.8	1W	M-Film	AA

PWB-C: DUNTKA140DE01

POWER UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
⚠ R633	VRN-GA2EB1R0J	J	1.0	1/4W	M-Film	AA
⚠ R634	VRN-VV3ABR22J	J	0.22	1W	M-Film	AA
R635	VRN-SV2HCR22J	J	0.22	1/2W	M-Film	AB
R637	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R638	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R640	VRS-SV2HC180J	J	18	1/2W	M-Ox.	AA
R641	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R642	VRD-RA2BE683J	J	68k	1/8W	Carbon	AA
R643	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R644	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R645	VRD-RA2BE274J	J	270k	1/8W	Carbon	AA
⚠ R646	VRS-VV3DB272J	J	2.7k	2W	M-Ox.	AA
R647	VRD-RA2BE473J	J	47k	1/8W	Carbon	AA
R648	VRD-RA2BE823J	J	82k	1/8W	Carbon	AA
R649	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
R650	VRS-VV3LB683J	J	68k	3.0W	M-Ox.	AC
⚠ R651	VRN-VV3AB5R6J	J	5.6	1W	M-Film	AA
R652	VRS-VV3AB181J	J	180	1W	M-Ox.	AA
R653	VRD-RA2BE332J	J	3.3k	1/8W	Carbon	AA
R654	VRS-VV3LB823J	J	82k	3.0W	M-Ox.	AC
R655	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R656	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R658	VRD-RA2HD103J	J	10k	1/2W	Carbon	AA
⚠ R659	VRN-VV3DB5R6J	J	5.6	2W	M-Film	AA
R660	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R661	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R662	VRD-RA2BE224J	J	220k	1/8W	Carbon	AA
⚠ R663	VRS-KA3HG681J	J	680	5W	M-Ox.	AD
R664	VRD-RA2BE823J	J	82k	1/8W	Carbon	AA
R667	VRD-RA2BE394J	J	390k	1/8W	Carbon	AA
R668	VRC-MA2HG333K	J	33k	1/2W	Solid	AA
R671	VRD-RA2HD150J	J	15	1/2W	Carbon	AA
R674	VRS-KA3HG681J	J	680	5W	M-Ox.	AD
R675	VRS-KA3HG681J	J	680	5W	M-Ox.	AD
R676	VRS-VV3DB272J	J	2.7k	2W	M-Ox.	AA
R677	VRD-RA2BE100J	J	10	1/8W	Carbon	AA
R678	VRD-RA2HD8R2J	J	8.2	1/2W	Carbon	AA
⚠ R679	VRS-VV3LB272J	J	2.7k	3.0W	M-Ox.	AB
R681	VRD-RA2BE392J	J	3.9k	1/8W	Carbon	AA
R683	VRD-RA2BE563J	J	56k	1/8W	Carbon	AA
R684	VRD-RA2BE563J	J	56k	1/8W	Carbon	AA
R685	VRS-VV3LB104J	J	100k	3.0W	M-Ox.	AB
R686	VRD-RA2BE471J	J	470	1/8W	Carbon	AA
R687	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R688	VRD-RA2HD332J	J	3.3k	1/2W	Carbon	AA
R689	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R690	VRD-RA2BE563J	J	56k	1/8W	Carbon	AA
R691	VRD-RA2BE562J	J	5.6k	1/8W	Carbon	AA
R692	VRD-RA2BE562J	J	5.6k	1/8W	Carbon	AA
R694	VRD-RA2EE101J	J	100	1/4W	Carbon	AA
R700	VRD-RA2EE562J	J	5.6k	1/4W	Carbon	AA
⚠ R701	VRN-VV3DBR10J	J	0.1	2W	M-Film	AB
⚠ R702	VRN-VV3DBR10J	J	0.1	2W	M-Film	AB
⚠ R703	VRS-SV2HC681J	J	680	1/2W	M-Ox.	AA
⚠ R704	VRS-VV3DB183J	J	18k	2W	M-Ox.	AA
R705	VRN-GA2EB1R0J	J	1.0	1/4W	M-Film	AA
R706	VRD-RA2HD154J	J	150k	1/2W	Carbon	AA
R707	VRD-RA2EE102J	J	1.0k	1/4W	Carbon	AA
⚠ R708	VRS-KT3LB333J	J	33k	3.0W	M-Ox.	AC
R709	VRD-RA2EE122J	J	1.2k	1/4W	Carbon	AA
R710	VRD-RA2EE272J	J	2.7k	1/4W	Carbon	AA
R711	VRS-SV2HC100J	J	10	1/2W	M-Ox.	AA
⚠ R721	VRS-KT3LB101J	J	100	3.0W	M-Ox.	AC
R725	VRD-RA2HD182J	J	1.8k	1/2W	Carbon	AA
R727	VRD-RA2HD122J	J	1.2k	1/2W	Carbon	AA
R729	VRD-RA2HD182J	J	1.8k	1/2W	Carbon	AA
▲⚠ R730	VRN-GA2EB1R0J	J	1.0	1/4W	M-Film	AA
▲⚠ R731	VRD-RA2EE562G	J	5.6k	1/4W	Carbon	AA
▲⚠ R732	VRD-RA2EE332G	J	3.3k	1/4W	Carbon	AB
R733	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R741	VRD-RA2BE182J	J	1.8k	1/8W	Carbon	AA
R742	VRD-RA2HD470J	J	47	1/2W	Carbon	AA
R743	VRD-RA2EE102J	J	1.0k	1/4W	Carbon	AA
R752	VRD-RA2HD823J	J	82k	1/2W	Carbon	AA
⚠ R753	VRN-VV3ABR10J	J	0.1	1W	M-Film	AB
R754	VRN-VV3ABR10J	J	0.1	1W	M-Film	AB
R756	VRS-SV2HC102J	J	1.0k	1/2W	M-Ox.	AA
R757	VRS-SV2HC101J	J	100	1/2W	M-Ox.	AA
R758	VRD-RA2EE102J	J	1.0k	1/4W	Carbon	AA
R759	VRN-SV2HCR22J	J	0.22	1/2W	M-Film	AB
R760	VRD-RA2BE183J	J	18k	1/8W	Carbon	AA
R761	VRD-RA2BE183J	J	18k	1/8W	Carbon	AA
R770	VRS-SV2HC392J	J	3.9k	1/2W	M-Ox.	AA
R771	VRS-SV2HC100J	J	10	1/2W	M-Ox.	AA
R772	VRN-RA2BK102F	J	1.0k	1/8W	M-Film	AB
R773	VRN-RA2BK472F	J	4.7k	1/8W	M-Film	AA
R774	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R775	VRN-SV2HCR56J	J	0.56	1/2W	M-Film	AA
R780	VRD-RA2BE122J	J	1.2k	1/8W	Carbon	AA
R781	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R782	VRD-RA2BE563J	J	56k	1/8W	Carbon	AA
R783	VRS-SV2HC221J	J	220	1/2W	M-Ox.	AA
▲⚠ R784	VRD-RA2EE122G	J	1.2k	1/4W	Carbon	AA
R785	VRD-RA2BE182J	J	1.8k	1/8W	Carbon	AA
R786	VRD-RA2BE183J	J	18k	1/8W	Carbon	AA
R787	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R788	VRD-RA2EE224J	J	220k	1/4W	Carbon	AA
R1551	VRS-SV2HC150J	J	15	1/2W	M-Ox.	AA
R1556	VRD-RA2BE332J	J	3.3k	1/8W	Carbon	AA
R1557	VRD-RA2BE562J	J	5.6k	1/8W	Carbon	AA
R1558	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R1559	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1560	VRS-VV3DB560J	J	56	2W	M-Ox.	AA
R1575	VRS-VV3DB560J	J	56	2W	M-Ox.	AA

MISCELLANEOUS PARTS

RY640	RRLYZ0072CEZZ	J	Relay	AH
RY642	RRLYZ0072CEZZ	J	Relay	AH
FB610	RBLN-0020CEZZ	J	Ferritte Bead	AB
FB650	RBLN-0020CEZZ	J	Ferritte Bead	AB
FB671	RBLN-0047CEZZ	J	Ferritte Bead	AB
FB672	RBLN-0047CEZZ	J	Ferritte Bead	AB
FB701	RBLN-0036CEZZ	J	Ferritte Bead	AB
FB702	RBLN-0047CEZZ	J	Ferritte Bead	AB
FB703	RBLN-0036CEZZ	J	Ferritte Bead	AB
FB752	RBLN-0020CEZZ	J	Ferritte Bead	AB
FB754	RBLN-0037CEZZ	J	Ferritte Bead	AB
FB755	RBLN-0036CEZZ	J	Ferritte Bead	AB
FB756	RBLN-0036CEZZ	J	Ferritte Bead	AB
P601	QPLGN0160FJZZ	J	Plug, 5-pin (K)	AD
P610	QPLGN0441CEZZ	J	Plug, 4-pin (GB)	AB
P651	QPLGN0361CEZZ	J	Plug, 3-pin (TP651-3)	AB
P702	QPLGN0269GEZZ	J	Plug, 2-pin (EA)	AB
P751	QPLGN0741CEZZ	J	Plug, 7-pin (N)	AC
P1551	QPLGN0341CEZZ	J	Plug, 3-pin (GS)	AA
SC751	QSOCZ1394GEZZ	J	Socket, 13-pin (SC)	AD
SC752	QSOCZ1040CEZZ	J	Socket, 10-pin (LB)	AD
SC753	QSOCZ1040CEZZ	J	Socket, 10-pin (LA)	AD
RDA550	PRDAR0280PEFW	J	Heat Sink, for IC550	AF
RDA601	PRDAR0277PEFW	J	Heat Sink, for Q601	AF
RDA642	PRDAR5203CEFW	J	Heat Sink, for D642	AF
RDA646	PRDAR3231CEFW	J	Heat Sink, for D646	AE
RDA650	PRDAR5043CEFW	J	Heat Sink, for Q650	AB
RDA673	PRDAR1560CEFW	J	Heat Sink, for Q673	AS
RDA701	PRDAR0273PEFW	J	Heat Sink, for IC701	AK
RDA703	PRDAR1555CEFW	J	Heat Sink, for D703	AF
RDA753	PRDAR1326CEFW	J	Heat Sink, for D753	AE
RDA754	PRDAR1326CEFW	J	Heat Sink, for D754	AE
RDA756	PRDAR5195CEFW	J	Heat Sink, for D756	AB
RDA770	PRDAR1557CEFW	J	Heat Sink, for IC770	AE
⚠ SG681	QSPGH0025CEZZ	J	Spark Gap	AC
⚠ SG682	QSPGH0025CEZZ	J	Spark Gap	AC
	QCNW-5571CEZZ	J	Connecting Cord	AE
	LHLDZ0133PEZZ	J	Holder	AC
	LCHSM0322CEKZ	J	Chassis Frame	AL
	LHLDW1003GEZZ	J	Holder	AA

Ref. No.	Part No.	★	Description	Code
	LHLDW1142CEZZ	J	Holder	AB
	LX-BZ0086TAFD	J	Screw	AA
	LX-BZ3049GEFD	J	Screw	AA
	LX-BZ3100CEFD	J	Screw	AA
	LX-TZ3004CEFD	J	Screw	AA
	XTASD30P10000	J	Screw	AA

PWB-C: DUNTKA140DE01
POWER UNIT (Continued)

PWB-D: DUNTKA116DE01
AC FILTER UNIT

Ref. No.	Part No.	★	Description	Code
	TRANSISTOR			
Q3770	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	DIODES			
D3770	RH-EX0408GEZZ	J	Zener Diode, 12V	AB
D3771	RH-DX0502CEZZ	J	Diode	AE
D3775	RH-EX0408GEZZ	J	Zener Diode, 12V	AB
D3776	RH-EX0422GEZZ	J	Zener Diode, 17V	AA
	PACKAGED CIRCUITS			
⚠ PR3701	RMPTP0072CEZZ	J	Packaged Circuit	AH
⚠ PR3702	RMPTP0092CEZZ	J	Packaged Circuit	AH
	COILS			
⚠ L3701	RCiLF0314CEZZ	J	Line Filter	AL
⚠ L3702	RCiLF0314CEZZ	J	Line Filter	AL
⚠ L3703	RCiLF0314CEZZ	J	Line Filter	AL
	TRANSFORMER			
⚠ T3702	RTRNP0552CEZZ	J	Power Transformer	AM
	CAPACITORS			
	[EL.··· Electrolytic]			
⚠ C3712	RC-KZ0084GEZZ	J	150p AC250V Ceramic	AC
⚠ C3713	RC-KZ0084GEZZ	J	150p AC250V Ceramic	AC
C3771	VCEA0A1EW108M	J	1000 25V Electrolytic	AD
C3772	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
	RESISTORS			
	[M-Ox.··· Metal Oxide]			
⚠ R3713	VRS-VV3LB101J	J	100 3.0W Metal Oxide	AB
R3776	VRD-RA2BE103J	J	10k 1/8W Carbon	AA
R3777	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
R3778	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
⚠ R3779	VRW-KQ41A1R0K	J	1.0 15W Cement	AE
	MISCELLANEOUS PARTS			
⚠ RY3701	RRLYJ0093CEZZ	J	Relay	AG
⚠ RY3702	RRLYJ0079CEZZ	J	Relay	AH
P3701	QPLGN0304CEZZ	J	Plug, 3-pin(CA)	AB
P3702	QPLGN0269GEZZ	J	Plug, 2-pin(EA)	AB
P3703	QPLGN0404CEZZ	J	Plug, 4-pin(M)	AB
P3756	QPLGN0541CEZZ	J	Plug, 5-pin(PA)	AB
P3761	QTiPM0017CEFM	J	Tip(AG)	AA
	QCNW-5528CEZZ	J	Connecting Cord	AG
	QCNW-5566CEZZ	J	Connecting Cord	AK
	QCNW-5567CEZZ	J	Connecting Cord	AE
	QCNW-5628CEZZ	J	Connecting Cord	AF
	LCHSM0326CEN1	J	Chassis Frame	AK
	LHLDW1046CEZZ	J	Holder	AA
	LX-TZ3004CEFD	J	Screw	AA

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TUNER UNIT

TUNER

NOTE: THE PARTS HERES SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENEDENTLY.

Ref. No.	Part No.	★	Description	Code
⚠ TU51	VTUATEDH9-800	J	VHF Tuner	AY
⚠ TU52	VTUATEDH9-205	J	VHF Tuner	AX

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC201	VHiLA7567BM-1	J	LA7567BM-TRM	AK
IC251	VHiLA7567BM-1	J	LA7567BM-TRM	AK
IC301	VHiCXA2064M-1	J	CXA2064M	AR
IC302	VHiMM1111XF1E	J	MM1111XFBE	AE
IC3301	VHiM62393FP-1	J	M62393FP	AK
IC3310	VHiCXA1352A-1	J	CXA1352AS	AM
IC3311	VHiBA15218F-1	J	BA15218F	AD
IC3312	VHiBA15218F-1	J	BA15218F	AD
IC3801	VHiQS7785CF-1	J	QS7785CF	AV
IC3802	VHiBA15218F-1	J	BA15218F	AD
IC3803	VHiAN5285K/-1	J	AN5285K	AP
IC4801	RH-iX3045CEZZ	J	TA1270AF	AT
IC4802	VHiTA1287F+-1	J	TA1287F (EL)	AN

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q201	VS2SC2735//1E	J	2SC2735	AC
Q202	VS2SA1530AR-1	J	2SA1530AR	AB
Q251	VS2SC2735//1E	J	2SC2735	AC
Q252	VS2SA1530AR-1	J	2SA1530AR	AB
Q401	VS2SC3928AR-1	J	2SA3298AR	AB
Q402	VS2SA1530AR-1	J	2SA1530AR	AB
Q403	VS2SA1530AR-1	J	2SA1530AR	AB
Q404	VS2SC3928AR-1	J	2SA3298AR	AB
Q405	VS2SC3928AR-1	J	2SA3298AR	AB
Q406	VS2SA1530AR-1	J	2SA1530AR	AB
Q407	VS2SA1530AR-1	J	2SA1530AR	AB
Q408	VS2SC3928AR-1	J	2SA3298AR	AB
Q4804	VS2SA1530AR-1	J	2SA1530AR	AB
Q4805	VS2SC3928AR-1	J	2SA3298AR	AB
Q4806	VS2SA1530AR-1	J	2SA1530AR	AB
Q4807	VS2SA1530AR-1	J	2SA1530AR	AB
Q4808	VS2SA1530AR-1	J	2SA1530AR	AB
Q4809	VS2SA1530AR-1	J	2SA1530AR	AB
Q4851	VS2SC3928AR-1	J	2SA3298AR	AB
Q4870	VS2SC3928AR-1	J	2SA3298AR	AB
Q4871	VS2SC3928AR-1	J	2SA3298AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D51	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
D53	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
D301	RH-EX1246CEZZ	J	Zener Diode, 5.6V	AB
D4801	VHDHSU119//-1	J	Diode	AB

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X4801	RCRSB0205CEZZ	J	Crystal	AF

FILTERS

Ref. No.	Part No.	★	Description	Code
CF201	RFiLC0403CEZZ	J	Ceramic Filter	AE
CF202	RFiLC0013CEZZ	J	Ceramic Filter	AE
CF251	RFiLC0403CEZZ	J	Ceramic Filter	AE
CF252	RFiLC0013CEZZ	J	Ceramic Filter	AE
CF4802	RFiLA0034CEZZ	J	Ceramic Filter	AD
SF201	RFiLC0443CEZZ	J	SAW Filter	AK
SF251	RFiLC0443CEZZ	J	SAW Filter	AK

COILS

Ref. No.	Part No.	★	Description	Code
L51	VPACK100J0000	J	Peaking 10µH	AB
L52	VPACK100J0000	J	Peaking 10µH	AB
L201	VP-OFR39M0000	J	Peaking 0.39µH	AD
L202	VPACK220J0000	J	Peaking 22µH	AB
L204	VPACK150J0000	J	Peaking 15µH	AB
L205	RCiLi0633CEZZ	J	VCO Coil	AD
L207	VP-OF1R0K0000	J	Peaking 1µH	AD
L251	VP-OFR39M0000	J	Peaking 0.39µH	AD
L252	VPACK220J0000	J	Peaking 22µH	AB
L254	VPACK150J0000	J	Peaking 15µH	AB
L255	RCiLi0633CEZZ	J	VCO Coil	AD
L257	VP-OF1R0K0000	J	Peaking 1µH	AD
L4801	VPACK560J0000	J	Peaking 56µH	AB
L4802	VPACK560J0000	J	Peaking 56µH	AB

CONTROLS

Ref. No.	Part No.	★	Description	Code
R219	RVR-M4334CEZZ	J	10k, AGC Level	AC
R233	RVR-M4332CEZZ	J	4.7k, Sub Video Level	AC
R269	RVR-M4334CEZZ	J	10k, AGC Level	AC
R283	RVR-M4332CEZZ	J	4.7k, Sub Video Level	AC
R301	RVR-M4334CEZZ	J	10k, Separation	AC
R313	RVR-M4332CEZZ	J	4.7k, Separation	AC
R329	RVR-M4332CEZZ	J	4.7k, Main Audio Level	AC
R331	RVR-M4332CEZZ	J	4.7k, Sub Audio Level	AC

CAPACITORS

[EL.··· Electrolytic]

Ref. No.	Part No.	★				Code
C51	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C52	VCEA0A0JW108M	J	1000	6.3V	EL.	AC
C53	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C54	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C55	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C56	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C57	VCEA0A0JW108M	J	1000	6.3V	EL.	AC
C58	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C59	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C60	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C61	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C62	VCEAEA0JW476M	J	47	6.3V	EL.	AB
C64	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C65	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C201	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C202	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C203	VCEA0A1CW477M	J	470	16V	EL.	AC
C204	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C205	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C206	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C207	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C208	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C210	VCFYSA1HB474J	J	0.47	50V	Mylar	AC
C211	RC-CZ0016CEZZ	J	24p	50V	Ceramic	AE
C212	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C213	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C214	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C215	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C216	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C217	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C230	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C251	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C252	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C253	VCEA0A1CW477M	J	470	16V	EL.	AC
C255	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C256	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C257	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C258	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C260	VCFYSA1HB474J	J	0.47	50V	Mylar	AC
C261	RC-CZ0016CEZZ	J	24p	50V	Ceramic	AE
C262	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C263	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C264	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C265	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C266	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C267	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C301	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C302	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C303	VCEA0A1CW337M	J	330	16V	EL.	AC
C304	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C305	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C306	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C307	VCEAEA1CW106M	J	10	16V	EL.	AB
C308	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C309	VCKYCY1HB562K	J	5600p	50V	Ceramic	AA
C310	VCKYCY1EB123K	J	0.012	25V	Ceramic	AA

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TUNER UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C311	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C312	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C313	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C314	VCEAEA1CW106M	J	10	16V	EL.	AB
C315	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C316	VCEAEA1HW335M	J	3.3	50V	EL.	AB
C317	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C318	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C319	VCKYCY1HB272K	J	2700p	50V	Ceramic	AA
C325	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C326	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C327	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C401	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C402	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C403	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C404	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C405	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C406	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C410	VCEA0A1CW476M	J	47	16V	EL.	AB
C3304	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3305	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3308	VCEA0A1CW476M	J	47	16V	EL.	AB
C3310	VCEA0A1CW476M	J	47	16V	EL.	AB
C3311	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3312	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3313	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3314	VCEA0A1CW476M	J	47	16V	EL.	AB
C3315	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3316	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3317	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3319	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C3321	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C3322	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3323	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3324	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3325	VCEA0A1CW226M	J	22	16V	EL.	AB
C3326	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3327	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3328	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3329	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C3330	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C3331	VCEAEA1CW106M	J	10	16V	EL.	AB
C3332	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3333	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3334	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C3335	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C3336	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C3337	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C3370	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C3371	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C3372	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C3373	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C3374	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3801	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C3802	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C3803	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C3804	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C3805	VCKYCY1HB272K	J	2700p	50V	Ceramic	AA
C3806	VCKYCY1CB823K	J	0.082	16V	Ceramic	AH
C3807	VCKYCY1HB123K	J	0.012	50V	Ceramic	AB
C3808	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3809	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C3810	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C3811	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C3812	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C3813	VCEAEA1CW106M	J	10	16V	EL.	AB
C3814	VCEAEA1CW106M	J	10	16V	EL.	AB
C3815	VCEAEA1CW106M	J	10	16V	EL.	AB
C3816	VCKYCY1HB272K	J	2700p	50V	Ceramic	AA
C3817	VCKYCY1CB823K	J	0.082	16V	Ceramic	AH
C3818	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C3819	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C3820	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C3821	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C3822	VCEAEA1CW106M	J	10	16V	EL.	AB
C3823	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3824	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3825	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3826	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3827	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3840	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3841	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3851	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C3852	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C3853	VCEAEA1HW475M	J	4.7	50V	EL.	AB
C3854	VCEAEA1CW106M	J	10	16V	EL.	AB
C3855	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3856	VCEAEA1CW106M	J	10	16V	EL.	AB
C3857	VCEAEA1CW106M	J	10	16V	EL.	AB
C3858	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C3859	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C4804	VCEA0A1CW477M	J	470	16V	EL.	AC
C4805	VCEA0A1CW107M	J	100	16V	EL.	AC
C4806	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4807	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C4808	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4811	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4818	VCEA0A1CW476M	J	47	16V	EL.	AB
C4820	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C4821	VCEAEA1HW224M	J	0.22	50V	EL.	AB
C4822	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C4823	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4824	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C4825	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4826	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C4827	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C4832	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4840	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4841	VCEA0A1CW476M	J	47	16V	EL.	AB
C4851	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4852	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4853	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4854	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4855	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4856	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C4857	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4858	VCEA0A1CW476M	J	47	16V	EL.	AB
C4870	VCEA0A1CW476M	J	47	16V	EL.	AB
C4872	VCEAEA1CW106M	J	10	16V	EL.	AB
C9004	VCEA0A0JW108M	J	1000	6.3V	EL.	AC

RESISTORS

[M-Ox.··· Metal Oxide]

R51	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R52	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R54	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R55	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R57	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R59	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R60	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R61	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R63	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R201	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R202	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R203	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R204	VRS-CY1JF270J	J	27	1/16W	M-Ox.	AA
R205	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R206	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R207	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R208	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R209	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R210	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R211	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R212	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R213	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R214	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA

PWB-E: DUNTKA097DE01

TUNER UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R215	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R216	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R217	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R218	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R220	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R221	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R222	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R223	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R224	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R226	VRS-TW2ED151J	J	150	1/4W	M-Ox.	AA
R234	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R251	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R252	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R253	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R254	VRS-CY1JF270J	J	27	1/16W	M-Ox.	AA
R255	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R256	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R257	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R258	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R259	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R260	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R261	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R262	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R263	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R264	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R265	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R266	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R267	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R268	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R270	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R271	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R272	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R273	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R274	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R276	VRS-TW2ED151J	J	150	1/4W	M-Ox.	AA
R281	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R284	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R302	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R303	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R304	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R305	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R306	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R307	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R308	VRS-CY1JF105J	J	1.0M	1/16W	M-Ox.	AA
R309	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R310	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R311	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R312	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R314	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R325	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R326	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R327	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R328	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R330	VRS-TV1JD681J	J	680	1/10W	M-Ox.	AA
R401	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R402	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R403	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R404	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R405	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R406	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R407	VRS-CY1JF684J	J	680k	1/16W	M-Ox.	AA
R408	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R409	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R410	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R411	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R421	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R422	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R423	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R424	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R425	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R426	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R427	VRS-CY1JF684J	J	680k	1/16W	M-Ox.	AA
R428	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R429	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R430	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R431	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R441	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R442	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R445	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R446	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3302	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3303	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3304	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3308	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3309	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3310	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3311	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3314	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R3315	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R3316	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R3317	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3318	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3319	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3320	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3321	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3322	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R3323	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R3324	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R3325	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3326	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3327	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3328	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3333	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3334	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3335	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3336	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3337	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3338	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3339	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3340	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R3341	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3342	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3343	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R3344	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3345	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R3346	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R3372	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3373	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3374	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3375	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3801	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3802	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3803	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3804	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3805	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R3806	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R3807	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R3808	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3809	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3810	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R3811	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R3812	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3813	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
R3814	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3815	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
R3816	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3851	VRS-CY1JF225J	J	2.2M	1/16W	M-Ox.	AA
R3852	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3853	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R4802	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4803	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R4813	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R4814	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R4815	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4816	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R4817	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code
R4818	VRS-CY1JF823J	J	82k 1/16W M-Ox.	AA
R4820	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA
R4821	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4826	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R4827	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R4828	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4829	VRS-CY1JF303J	J	30k 1/16W M-Ox.	AA
R4830	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R4832	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R4833	VRS-CY1JF302J	J	3.0k 1/16W M-Ox.	AA
R4834	VRS-CY1JF361J	J	360 1/16W M-Ox.	AA
R4835	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R4836	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R4837	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R4839	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R4841	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R4843	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R4851	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA
R4852	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R4853	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R4854	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4855	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R4856	VRS-CY1JF183J	J	18k 1/16W M-Ox.	AA
R4857	VRS-CY1JF273J	J	27k 1/16W M-Ox.	AA
R4858	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA
R4859	VRS-CY1JF393J	J	39k 1/16W M-Ox.	AA
R4861	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4862	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R4863	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4864	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4865	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA
R4867	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4868	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4869	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R4870	VRS-CY1JF122J	J	1.2k 1/16W M-Ox.	AA
R4871	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R4872	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R4873	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R4874	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R4875	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R4876	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA

MISCELLANEOUS PARTS

FB51	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB52	RBLN-0065CEZZ	J	Ferrite Bead	AB
P51	QPLGN0207CEZZ	J	Plug, 2-pin (TP15, 150)	AA
P201	QPLGZ3041CEZZ	J	Plug, 30-pin (JA)	AF
P202	QPLGZ4041CEZZ	J	Plug, 40-pin (JB)	AG
P9001	QTiPM0083CEZZ	J	Tip (AG)	AB
P9003	QTiPM0083CEZZ	J	Tip (G)	AB
P9005	QTiPM0083CEZZ	J	Tip (TG)	AB
TP301	QLUGP0111GEFW	J	Lug	AA
TP302	QLUGP0111GEFW	J	Lug	AA
TP303	QLUGP0111GEFW	J	Lug	AA
TP401	QLUGP0111GEFW	J	Lug	AA
TP402	QLUGP0111GEFW	J	Lug	AA

PWB-E: DUNTKA097DE01
TUNER UNIT (Continued)

PWB-F: DUNTKA098WEK0
CONTROL UNIT

Ref. No.	Part No.	★	Description	Code

TRANSISTORS

Q171	VS2SA1275Y/-1	J	2SA1275Y	AC
Q172	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q173	VS2SA1275Y/-1	J	2SA1275Y	AC
Q174	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q181	VS2SA1275Y/-1	J	2SA1275Y	AC
Q182	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q183	VS2SA1275Y/-1	J	2SA1275Y	AC
Q184	VS2SC3198-Y-1	J	2SC3198(Y)	AA

DIODES

D121	RH-PX0412CEZZ	J	LED, POWER	AE
D122	RH-PX0300CEZZ	J	LED, HDTV(Green)	AB
D124	RH-PX0301CEZZ	J	LED, VIEW TIMER(Red)	AB
⚠ VA701	RH-VX0048CEZZ	J	Varistor	AE
	or			
	RH-VX0035CEZZ			

CAPACITORS

[EL.··· Electrolytic]

C101	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C152	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C153	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C171	VCEA0A1HW106M	J	10	50V	EL.	AB
C181	VCEA0A1HW106M	J	10	50V	EL.	AB
⚠ C700	RC-FZ017SCEZZ	J	0.22	AC125V	Plastic	AD
	or					
	RC-FZ0025PEZZ					

RESISTORS

[M-Ox.··· Metal Oxide]

R110	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R111	VRD-RA2BE561J	J	560	1/8W	Carbon	AA
R151	VRD-RA2BE562J	J	5.6k	1/8W	Carbon	AA
R152	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R153	VRD-RA2BE153J	J	15k	1/8W	Carbon	AA
R154	VRD-RA2BE333J	J	33k	1/8W	Carbon	AA
R155	VRD-RA2BE823J	J	82k	1/8W	Carbon	AA
R159	VRD-RA2BE274J	J	270k	1/8W	Carbon	AA
R160	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R161	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R162	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R163	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R164	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R172	VRS-VV3LB681J	J	680	3.0W	M-Ox.	AB
R173	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R174	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R175	VRS-VV3LB681J	J	680	3.0W	M-Ox.	AB
R177	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R178	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R179	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R180	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R181	VRS-SV2HC681J	J	680	1/2W	M-Ox.	AA
R182	VRS-VV3LB221J	J	220	3.0W	M-Ox.	AB
R183	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R184	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R185	VRS-VV3LB221J	J	220	3.0W	M-Ox.	AB
R186	VRS-SV2HC681J	J	680	1/2W	M-Ox.	AA
R187	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R188	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R189	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R190	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R193	VRD-RA2BE272J	J	2.7k	1/8W	Carbon	AA
⚠ R722	VRC-UB2HG395K	J	3.9M	1/2W	Solid	AC
	or					
	RR-HZ0048CEZZ					
	or					
	RR-DZ0049CEZZ					

SWITCHES

S151	QSW-K0091GEZZ	J	Switch, MENU	AC

PWB-F: DUNTKA098WEK0
CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
S152	QSW-K0091GEZZ	J	Switch, INPUT	AC
S153	QSW-K0091GEZZ	J	Switch, CH-DOWN	AC
S154	QSW-K0091GEZZ	J	Switch, CH-UP	AC
S155	QSW-K0091GEZZ	J	Switch, VOL-DOWN	AC
S156	QSW-K0091GEZZ	J	Switch, VOL-UP	AC
S157	QSW-K0091GEZZ	J	Switch, DG	AC
⚠ S701	QSW-P0617CEZZ	J	Switch, AC/DC	AM

MISCELLANEOUS PARTS

⚠ F701	QFS-A5023CEZZ	J	Fuse, 5A-125V	AE
FB170	RBLN-0020CEZZ	J	Ferrite Bead	AB
FB171	RBLN-0020CEZZ	J	Ferrite Bead	AB
FB173	RBLN-0020CEZZ	J	Ferrite Bead	AB
FH701	QFSHD1009CEZZ	J	Fuse Holder	AA
FH702	QFSHD1010CEZZ	J	Fuse Holder	AA
J152	QJAKZ0031CEZZ	J	Jack, S-Video IN2	AH
P132	QTiPM0083CEZZ	J	Tip(TG)	AB
P170	QPLGN0441CEZZ	J	Plug, 4-pin(EW)	AB
P171	QPLGN0241CEZZ	J	Plug, 2-pin(NS)	AA
P172	QPLGN0441CEZZ	J	Plug, 4-pin(GB)	AB
P701	QPLGN0269GEZZ	J	Plug, 2-pin(P)	AB
P703	QPLGN0304CEZZ	J	Plug, 3-pin(CA)	AB
SC101	QSOCN1495REZZ	J	Socket, 14-pin(RB)	AC
SC121	QSOCN0695REZZ	J	Socket, 6-pin(RA)	AB
SC152	QSOCN1295REZZ	J	Socket, 12-pin(RC)	AC
RMC101	RRMCU0227CEZZ	J	R/C Receiver	AK
	QCNW-5387CEZZ	J	Connecting Cord	AD
	QCNW-5388CEZZ	J	Connecting Cord	AD
	QCNW-5396CEZZ	J	Connecting Cord	AD
	QCNW-5629CEZZ	J	Connecting Cord	AF
	QCNW-5630CEZZ	J	Connecting Cord	AH
	QCNW-5656CEZZ	J	Connecting Cord	AF
	LHLDP1301CEZZ	J	Holder	AD
	LHLDW1047CEUZ	J	Holder	AA

PWB-G: DUNTKA099DE01
TERMINAL UNIT

RESISTORS

[M-Ox.··· Metal Oxide]

R9851	VRS-TV1JD750J	J	75	1/16W	M-Ox.	AA
R9852	VRS-TV1JD750J	J	75	1/16W	M-Ox.	AA
R9853	VRS-TV1JD750J	J	75	1/16W	M-Ox.	AA
R9854	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R9855	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R9856	VRD-RA2BE750J	J	75	1/8W	Carbon	AA

MISCELLANEOUS PARTS

FB9881	RBLN-0054CEZZ	J	Ferrite Bead	AB
FB9882	RBLN-0054CEZZ	J	Ferrite Bead	AB
FB9883	RBLN-0054CEZZ	J	Ferrite Bead	AB
FB9884	RBLN-0054CEZZ	J	Ferrite Bead	AB
FB9885	RBLN-0054CEZZ	J	Ferrite Bead	AB
J9881	QTANZ0431CEZZ	J	Terminal, Component IN	AS
P9881	QPLGN0678GEZZ	J	Plug, 6-pin (RD)	AB
P9882	QPLGN1041CEZZ	J	Plug, 10-pin (RE)	AC
	QCNW-0089MEZZ	J	Connecting Cord	AH
	QCNW-5574CEZZ	J	Connecting Cord	AP
	QCNW-5575CEZZ	J	Connecting Cord	AL
	QCNW-5597CEZZ	J	Connecting Cord	AN
	HiNDP4999CEKZ	J	Indicator	AQ
	HPNLH1105CEK0	J	Panel	AK
	LX-BZ3100CEFD	J	Screw	AA
	LX-NZ3047GEZZ	J	Nut	AA

PWB-H: DUNTKA162DE01
YUV SW UNIT

INTEGRATED CIRCUITS

IC4401	VHiM52055FP-1	J	M52055FP	AH
IC4402	VHiTK15420/-1	J	TK15420MTL	AG
IC4403	VHiTK15420/-1	J	TK15420MTL	AG
IC5805	VHiTK15420/-1	J	TK15420MTL	AG
IC6203	VHiM52055FP-1	J	M52055FP	AH

TRANSISTORS

Q4401	VS2SA1530AR-1	J	2SA1530AR	AB
Q4402	VS2SC3928AR-1	J	2SC3928AR	AB
Q4403	VS2SA1530AR-1	J	2SA1530AR	AB
Q4404	VS2SC3928AR-1	J	2SC3928AR	AB
Q4405	VS2SA1530AR-1	J	2SA1530AR	AB
Q4406	VS2SC3928AR-1	J	2SC3928AR	AB
Q5805	VS2SC3928AR-1	J	2SC3928AR	AB
Q5806	VS2SC3928AR-1	J	2SC3928AR	AB
Q5807	VS2SC3928AR-1	J	2SC3928AR	AB
Q5808	VS2SC3928AR-1	J	2SC3928AR	AB

FILTERS

FL4401	RFiLC0331CEZZ	J	Filter	AL
FL4402	RFiLC0331CEZZ	J	Filter	AL
FL4403	RFiLC0331CEZZ	J	Filter	AL

CAPACITORS

[EL.··· Electrolytic]

C4401	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4402	VCEA0A1CW476M	J	47	16V	EL.	AB
C4403	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4404	VCEA0A1CW476M	J	47	16V	EL.	AB
C4410	VCEA0A1CW107M	J	100	16V	EL.	AC
C4411	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C4412	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C4413	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C4414	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C4415	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C4416	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C4417	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4420	VCEAEA1CW106M	J	10	16V	EL.	AB
C4421	VCEAEA1CW106M	J	10	16V	EL.	AB
C4422	VCEAEA1CW106M	J	10	16V	EL.	AB
C5842	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C5843	VCEAEA1CW106M	J	10	16V	EL.	AB
C5844	VCEAEA1CW106M	J	10	16V	EL.	AB
C5845	VCEAEA1CW106M	J	10	16V	EL.	AB
C5846	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5847	VCEA0A1CW476M	J	47	16V	EL.	AB
C5866	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C5867	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C6214	VCEAEA1CW106M	J	10	16V	EL.	AB
C6231	VCEAEA1CW106M	J	10	16V	EL.	AB
C6232	VCEAEA1CW106M	J	10	16V	EL.	AB
C6233	VCEAEA1CW106M	J	10	16V	EL.	AB
C6235	VCEA0A1CW107M	J	100	16V	EL.	AC
C6236	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6237	VCEAEA1CW106M	J	10	16V	EL.	AB
C6238	VCEAEA1CW106M	J	10	16V	EL.	AB

RESISTORS

[M-Ox.··· Metal Oxide]

R4401	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4402	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4403	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4404	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4405	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4406	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4407	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4408	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4409	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4410	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4411	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code

PWB-H: DUNTKA162DE01

YUV SW UNIT (Continued)

R4412	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4413	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.		AA
R4414	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4415	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.		AA
R4416	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4417	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.		AA
R4418	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4419	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4420	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4421	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4422	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4425	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4426	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.		AA
R4427	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.		AA
R4428	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4429	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4430	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.		AA
R4431	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.		AA
R4432	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4433	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R4434	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.		AA
R4435	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.		AA
R4436	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R4450	VRS-CY1JF333J	J	33k	1/16W	M-Ox.		AA
R4451	VRS-CY1JF103J	J	10k	1/16W	M-Ox.		AA
R4452	VRS-CY1JF103J	J	10k	1/16W	M-Ox.		AA
R4453	VRS-CY1JF333J	J	33k	1/16W	M-Ox.		AA
R4454	VRS-CY1JF103J	J	10k	1/16W	M-Ox.		AA
R4455	VRS-CY1JF333J	J	33k	1/16W	M-Ox.		AA
R5802	VRS-CY1JF560J	J	56	1/16W	M-Ox.		AA
R5803	VRS-CY1JF560J	J	56	1/16W	M-Ox.		AA
R5838	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA
R5839	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R5840	VRS-CY1JF561J	J	560	1/16W	M-Ox.		AA
R5841	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R5842	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.		AA
R5843	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA
R5875	VRS-CY1JF333J	J	33k	1/16W	M-Ox.		AA
R5876	VRS-CY1JF103J	J	10k	1/16W	M-Ox.		AA
R5877	VRS-CY1JF331J	J	330	1/16W	M-Ox.		AA
R5878	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.		AA
R5879	VRS-CY1JF333J	J	33k	1/16W	M-Ox.		AA
R5880	VRS-CY1JF103J	J	10k	1/16W	M-Ox.		AA
R5881	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.		AA
R5882	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.		AA
R5883	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.		AA
R5884	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.		AA
R5885	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.		AA
R5886	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.		AA
R5899	VRS-CY1JF560J	J	56	1/16W	M-Ox.		AA
R6096	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA
R6097	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA
R6231	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6232	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.		AA
R6233	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6234	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.		AA
R6235	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6236	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.		AA
R6237	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6238	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6239	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6240	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6241	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6242	VRS-CY1JF101J	J	100	1/16W	M-Ox.		AA
R6250	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA
R6251	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA
R6252	VRS-CY1JF000J	J	0	1/16W	M-Ox.		AA

MISCELLANEOUS PARTS

P6001	QPLGZ4041CEZZ	J	Plug, 40-pin (YA)	AG
	LHLDW1047CEUZ	J	Holder	AA

PWB-J: DUNTKA163DE01

MICOM UNIT

INTEGRATED CIRCUITS

▲⚠ IC3501	RH-iX3380CEN1	J	M306V0EEFPA1		BA
IC3502	VHiM51943BS-1	J	M51943BSl		AP

DIODES

D3501	RH-EX1249CEZZ	J	Zener Diode	AB
D3502	RH-EX1249CEZZ	J	Zener Diode	AB
D3503	RH-EX1249CEZZ	J	Zener Diode	AB
D3504	RH-EX1249CEZZ	J	Zener Diode	AB

FILTER AND COIL

CF3501	RFiLA0107CEZZ	J	Ceramic Filter	AD
T3501	RCiLB0176CEZZ	J	Oscillation Coil	AE

CAPACITORS

[EL.··· Electrolytic]

C3501	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3502	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3503	VCEA2A0JW108M	J	1000	6.3V	EL.	AB
C3504	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C3505	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C3506	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3507	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C3508	RC-KZ1025CEZZ	J	1	10V	Ceramic	AB
C3509	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3510	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3511	VCKYCY1CB563K	J	0.056	16V	Ceramic	AB
C3512	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3513	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3514	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3518	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3520	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

[M-Ox.··· Metal Oxide]

R3501	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R3502	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R3503	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R3506	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R3507	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3508	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3510	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3511	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3512	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3513	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3514	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3515	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3516	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3517	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3518	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3519	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3520	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3521	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3522	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3523	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3525	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3526	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3527	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3528	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3529	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3531	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3533	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3534	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3535	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3536	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3537	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3538	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3539	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3540	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R3541	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3542	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code

PWB-J: DUNTKA163DE01

MICOM UNIT (Continued)

R3543	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3544	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3545	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3546	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3547	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3549	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3550	VRD-RA2BE224J	J	220k	1/8W	Carbon	AA
R3551	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3553	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3554	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3555	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R3556	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R3557	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3558	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3559	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3560	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3561	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3562	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3563	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3564	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3565	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3566	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3567	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3568	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3569	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3570	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3571	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R3572	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3573	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R3574	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3575	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3576	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R3577	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3578	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3579	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R3580	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3581	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3582	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R3583	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3584	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3585	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3586	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3587	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3588	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3590	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3591	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3592	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3593	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3598	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3599	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3600	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3601	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3602	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3604	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R3605	VRS-CY1JF105J	J	1.0M	1/16W	M-Ox.	AA
R3606	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

P3501	QPLGN0449FJZZ	J	Plug, 40-pin(MA)	AH
P3502	QPLGN0449FJZZ	J	Plug, 40-pin(MB)	AH

PWB-K: DUNTK9950DE02

ZOOM UNIT

INTEGRATED CIRCUITS

IC2201	VHiTC90A45F-1	J	TC90A45F	AM
IC2202	VHiNJ2233BM-1	J	NJM2233BM	AE
IC2401	RH-iX3045CEZZ	J	TA1270AF	AT
IC2414	VHiTK15420/-1	J	TK15420MTL	AG
IC2415	VHiTK15420/-1	J	TK15420MTL	AG
IC5505	VHiTK15420/-1	J	TK15420MTL	AG
IC5506	VHiTK15420/-1	J	TK15420MTL	AG
IC5508	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC5509	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC5510	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC5511	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC5512	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC5513	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC5520	VHiMMHCT32F-1	J	MM74HCT32MTCX	AD
IC5550	VHiSN1G66DC-1	J	SN74AHC1G66HDCKR	AD
IC5551	VHiTC7W66U/-1	J	TC7W66FU	AE
IC5552	VHiSN1G66DC-1	J	SN74AHC1G66HDCKR	AD
IC5553	VHiTC7W66U/-1	J	TC7W66FU	AE
IC5601	VHiTLC2932i-1	J	TLC2932IPW	AQ
IC5602	VHiTLC2932i-1	J	TLC2932IPW	AQ
IC5603	RH-iX3152CEZZ or RH-iX3420CEZZ	J	MSM514265	AT
IC5604	RH-iX3152CEZZ or RH-iX3420CEZZ	J	MSM514265	AT
IC5605	RH-iX3032CEZZ	J	MA07132	BP
IC5606	VHiBA033FP/-1	J	BA033FB-E2	AG
IC5609	VHiTK15420/-1	J	TK15420MTL	AG
IC5610	VHiTK15420/-1	J	TK15420MTL	AG
IC5616	VHiTA78L05S-1	J	TA78L05S	AC

TRANSISTORS

Q2201	VS2SC3928AR-1	J	2SC3928AR	AB
Q2202	VS2SC3928AR-1	J	2SC3928AR	AB
Q2203	VS2SC3928AR-1	J	2SC3928AR	AB
Q2204	VS2SA1530AR-1	J	2SA1530AR	AB
Q2207	VS2SC3928AR-1	J	2SC3928AR	AB
Q2413	VS2SC3928AR-1	J	2SC3928AR	AB
Q2428	VS2SC3928AR-1	J	2SC3928AR	AB
Q5570	VS2SA1530AR-1	J	2SA1530AR	AB
Q5571	VS2SA1530AR-1	J	2SA1530AR	AB
Q5572	VS2SA1530AR-1	J	2SA1530AR	AB
Q5573	VS2SA1530AR-1	J	2SA1530AR	AB
Q5574	VS2SA1530AR-1	J	2SA1530AR	AB
Q5575	VS2SA1530AR-1	J	2SA1530AR	AB
Q5593	VS2SA1530AR-1	J	2SA1530AR	AB
Q5594	VS2SA1530AR-1	J	2SA1530AR	AB
Q5595	VS2SA1530AR-1	J	2SA1530AR	AB
Q5607	VS2SC3928AR-1	J	2SC3928AR	AB
Q5608	VS2SC3928AR-1	J	2SC3928AR	AB
Q5609	VS2SC3928AR-1	J	2SC3928AR	AB
Q5610	VS2SC3928AR-1	J	2SC3928AR	AB
Q5611	VS2SC3928AR-1	J	2SC3928AR	AB
Q5612	VS2SC3928AR-1	J	2SC3928AR	AB

PACKAGED CIRCUIT

X2401	RCRSB0001PEZZ	J	Crystal	AL

FILTERS AND COILS

CF2402	RFiLA0034CEZZ	J	Ceramic Filter	AD
FL5503	RFiLN0014GEZZ	J	Filter	AC
FL5504	RFiLN0014GEZZ	J	Filter	AC
FL5550	RFiLC0331CEZZ	J	Filter	AL
FL5551	RCiLF0192CEZZ	J	Coil	AH
FL5552	RCiLF0192CEZZ	J	Coil	AH
FL5601	RFiLN0014GEZZ	J	Filter	AC
FL5602	RFiLN0014GEZZ	J	Filter	AC
L2201	VPAWM101J140N	J	Peaking 100µH	AC
L2202	VPAWM101J140N	J	Peaking 100µH	AC

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ZOOM UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
L2206	VPAWM220J4R0N	J	Peaking 22µH	AC
L2207	VPAWM220J4R0N	J	Peaking 22µH	AC
L2401	VPAWM560J7R2N	J	Peaking 56µH	AC
L2402	VPAWM560J7R2N	J	Peaking 56µH	AC
L5640	VPACK100J0000	J	Peaking 10µH	AB

CAPACITORS
[EL.··· Electrolytic]

C2201	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2202	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2203	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2204	VCCCCY1HH181J	J	180p	50V	Ceramic	AA
C2205	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2206	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2207	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2208	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2209	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2210	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2213	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C2214	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C2215	VCCCCY1HH3R0C	J	3.0p	50V	Ceramic	AA
C2216	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C2217	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C2218	VCCCCY1HH3R0C	J	3.0p	50V	Ceramic	AA
C2219	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C2220	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C2225	VCEAUB0JW476M	J	47	6.3V	EL.	AB
C2226	VCEAUB0JW476M	J	47	6.3V	EL.	AB
C2227	VCEAEA1HW474M	J	0.47	50V	EL.	AB
C2231	VCEAUB1CW476M	J	47	16V	EL.	AB
C2232	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C2233	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2234	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C2235	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C2236	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2237	VCEAUB1CW226M	J	22	16V	EL.	
C2238	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C2239	VCEAEA1CW106M	J	10	16V	EL.	AB
C2401	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C2402	VCEAEA1HW224M	J	0.22	50V	EL.	AB
C2403	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C2404	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2405	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C2406	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C2407	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C2408	VCQYTA1HM223J	J	0.022	50V	Mylar	AA
C2409	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2412	VCEAEA1CW106M	J	10	16V	EL.	AB
C2413	VCEAEA1CW106M	J	10	16V	EL.	AB
C2414	VCEAEA1CW106M	J	10	16V	EL.	AB
C2415	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2416	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2419	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2420	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2421	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2422	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C2423	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2424	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2425	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2426	VCEAUB1CW107M	J	100	16V	EL.	AB
C2427	VCEA0A1CW477M	J	470	16V	EL.	AC
C2428	VCEAUB1CW476M	J	47	16V	EL.	AB
C2429	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2469	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2470	VCEAUB1CW476M	J	47	16V	EL.	AB
C2475	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2476	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2480	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C2499	VCCCPA1HH151J	J	150p	50V	Ceramic	AA
C5501	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5503	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C5504	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5505	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5507	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5508	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5510	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5511	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5512	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5513	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5514	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5515	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5516	VCEAUB1CW107M	J	100	16V	EL.	AB
C5517	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5519	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5521	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5523	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5525	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5526	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5527	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5528	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5529	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C5530	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5531	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5533	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5534	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5535	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5537	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5538	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C5539	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5541	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5542	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C5544	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5545	VCEAUB1CW107M	J	100	16V	EL.	AB
C5546	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5550	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5551	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5552	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5553	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5554	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5555	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5556	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5557	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5558	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5559	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5560	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5561	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5562	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5563	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5564	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5565	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5566	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5567	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5580	VCEAEA1CW106M	J	10	16V	EL.	AB
C5581	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5582	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5583	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5584	VCEAEA1HW225M	J	2.2	50V	EL.	AB
C5601	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5602	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5603	VCFYSA1HB393J	J	0.039	50V	Mylar	AA
C5604	VCEAEA1CW106M	J	10	16V	EL.	AB
C5605	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5606	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5607	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5608	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5609	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5610	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C5611	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5612	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5613	VCFYSA1HB393J	J	0.039	50V	Mylar	AA
C5614	VCEAEA1CW106M	J	10	16V	EL.	AB
C5615	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5616	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5617	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5618	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C5619	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

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ZOOM UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C5620	VCEA0A0JW108M	J	1000	6.3V	EL.	AC
C5621	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5622	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5623	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5624	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5625	RC-EZ0459CEZZ	J	10	10V	EL.	AE
C5626	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5627	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5628	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5629	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5630	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5631	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5633	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5634	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5637	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5638	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5640	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5641	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5647	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5648	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5649	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5660	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5664	VCEAUB1CW107M	J	100	16V	EL.	AB
C5665	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5668	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C5669	VCEAUB0JW107M	J	100	6.3V	EL.	AB
C5671	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

RESISTORS

[M-Ox.··· Metal Oxide]

R2201	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R2202	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2205	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R2206	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2208	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R2209	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2210	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R2211	VRS-CY1JF361J	J	360	1/16W	M-Ox.	AA
R2215	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R2216	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2217	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2218	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R2219	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R2220	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R2221	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R2222	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R2223	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2224	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2228	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2229	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2401	VRS-CY1JF303J	J	30k	1/16W	M-Ox.	AA
R2402	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2403	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2404	VRS-CY1JF302J	J	3.0k	1/16W	M-Ox.	AA
R2405	VRS-CY1JF361J	J	360	1/16W	M-Ox.	AA
R2406	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2407	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2409	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2410	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R2411	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R2413	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R2414	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R2415	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2416	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R2417	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2419	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2420	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2421	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2422	VRS-CY1JF000J	J	00	1/16W	M-Ox.	AA
R2423	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R2424	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R2425	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R2426	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2427	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R2428	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2465	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R2466	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2467	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2468	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2469	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R2470	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2471	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R2472	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2473	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2474	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2475	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2476	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2480	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2493	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2495	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2496	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R2497	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R5501	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5502	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R5504	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5505	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5506	VRS-CY1JF330J	J	33	1/16W	M-Ox.	AA
R5508	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5509	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5510	RR-TZ0073CEZZ	J	Resistor Array			AA
R5511	RR-TZ0073CEZZ	J	Resistor Array			AA
R5512	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5513	RR-TZ0073CEZZ	J	Resistor Array			AA
R5514	RR-TZ0073CEZZ	J	Resistor Array			AA
R5520	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R5521	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5522	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5523	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5524	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5526	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5527	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5528	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5529	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5530	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5531	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5533	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5537	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5539	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5541	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5543	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R5545	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R5557	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R5563	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R5568	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R5569	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5573	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R5574	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5575	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5576	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R5577	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R5578	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R5579	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R5590	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R5591	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R5592	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R5593	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R5594	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R5595	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R5601	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R5602	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R5603	VRS-CY1JF751J	J	750	1/16W	M-Ox.	AA
R5604	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5605	VRS-CY1JF330J	J	33	1/16W	M-Ox.	AA
R5606	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R5607	VRS-CY1JF330J	J	33	1/16W	M-Ox.	AA
R5609	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA

PWB-K: DUNTK9950DE02

ZOOM UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R5610	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5611	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R5612	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R5613	VRS-CY1JF751J	J	750 1/16W M-Ox.	AA
R5615	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5616	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5617	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5618	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5620	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5621	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5623	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R5624	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R5625	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R5627	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5628	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5629	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R5630	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5631	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5632	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5633	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5634	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5635	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5640	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5641	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5642	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5643	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R5645	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5646	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5648	VRS-CY1JF302J	J	3.0k 1/16W M-Ox.	AA
R5650	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R5651	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R5652	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R5658	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5659	VRS-TV1JD102J	J	1.0k 1/10W M-Ox.	AA
R5660	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5661	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5662	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5663	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5664	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5665	VRS-TV1JD102J	J	1.0k 1/10W M-Ox.	AA
R5667	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5669	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5670	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5672	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R5673	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R5674	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5676	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5677	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5679	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R5681	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5682	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R5685	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R5687	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R5693	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R5702	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5710	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5712	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5715	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R5716	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R5721	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R5724	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA

MISCELLANEOUS PARTS

FB2499	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB5500	RBLN-0039TAZZ	J	Ferrite Bead	AC
FB5501	RBLN-0039TAZZ	J	Ferrite Bead	AC
FB5502	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB5509	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB5608	RBLN-0039TAZZ	J	Ferrite Bead	AC
FB5609	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB5633	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB5661	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB5666	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB5667	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB5689	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB5698	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB5699	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB5710	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB5711	RBLN-0064TAZZ	J	Ferrite Bead	AC
P5501	QPLGZ1541CEZZ	J	Plug, 15-pin(ZA)	AD
P5502	QPLGZ1541CEZZ	J	Plug, 15-pin(ZB)	AD
SLD5501	PSLDM4587CEFW	J	Shield	AE
SLD5502	PSLDM4588CEFW	J	Shield	AG
SLD5503	PSLDM4589CEFW	J	Shield	AE
	PSLDM4526CEZZ	J	Shield	AD
	QCNW-5572CEZZ	J	Connecting Cord	AD

PWB-L: DUNTK9890DE05

Y/C 3D UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7001	VHiPD64082/-1	J	UPD64082GF-3BA	BC
IC7002	RH-iX3152CEZZ or RH-iX3420CEZZ	J	MSM514265	AT
IC7003	VHiTK15420/-1	J	TK15420MTL	AG
IC7007	VHiBA033T//-1	J	BA033T	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7001	VS2SA1530AR-1	J	2SA1530AR	AB
Q7002	VS2SC3928AR-1	J	2SC3928AR	AB
Q7003	VS2SA1530AR-1	J	2SA1530AR	AB
Q7004	VS2SC3928AR-1	J	2SC3928AR	AB
Q7005	VS2SA1530AR-1	J	2SA1530AR	AB
Q7012	VS2SA1530AR-1	J	2SA1530AR	AB
Q7013	VS2SA1530AR-1	J	2SA1530AR	AB
Q7014	VS2SA1530AR-1	J	2SA1530AR	AB
Q7015	VS2SA1530AR-1	J	2SA1530AR	AB
Q7016	VS2SA1530AR-1	J	2SA1530AR	AB
Q7070	VS2SC3928AR-1	J	2SC3928AR	AB

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X7001	RCRSB0258CEZZ	J	Crystal	AG

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
FL7001	RFiLC0274CEZZ	J	Filter	AG
FL7002	RCiLV0021TAZZ	J	Coil	AE
FL7003	RFiLN0014GEZZ	J	Filter	AC
FL7004	RFiLN0014GEZZ	J	Filter	AC
L7001	VPACK100J0000	J	Peaking 10µH	AB
L7002	VPACK4R7J0000	J	Peaking 4.7µH	AB
L7050	VPACK220J0000	J	Peaking 22µH	AB
L7051	VPACK220J0000	J	Peaking 22µH	AB

CONTROL

Ref. No.	Part No.	★	Description	Code
R7000	RVR-M4328CEZZ	J	1k(B) Video Level	AC

CAPACITORS

[EL.··· Electrolytic]

Ref. No.	Part No.	★				Code
C7001	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7002	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7003	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7004	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7005	VCEAEA1CW106M	J	10	16V	EL.	AB
C7006	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7008	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7009	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7010	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7012	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7013	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7014	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7015	VCEAEA1CW106M	J	10	16V	EL.	AB
C7016	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7017	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7018	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7019	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7020	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7021	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7022	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7023	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7025	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7026	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7027	VCEAEA1HW105M	J	1.0	50V	EL.	AB
C7028	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7029	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7030	VCEA0A1CW476M	J	47	16V	EL.	AB
C7031	VCE9EA1HW105M	J	1.0	50V	EL. (N.P)	AC
C7033	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7035	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7036	VCEA0A1CW476M	J	47	16V	EL.	AB
C7037	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C7038	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7039	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7041	VCCCCY1HH3R0C	J	3.0p	50V	Ceramic	AA
C7042	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C7043	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7045	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C7046	VCEA0A0JW476M	J	47	6.3V	EL.	AB
C7047	RC-EZ0459CEZZ	J	10	10V	EL.	AE
C7048	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7050	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7053	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7055	RC-EZ0459CEZZ	J	10	10V	EL.	AE
C7056	RC-EZ0459CEZZ	J	10	10V	EL.	AE
C7057	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7060	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C7061	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7062	VCCCCY1HH3R0C	J	3.0p	50V	Ceramic	AA
C7064	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7067	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C7075	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7076	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7077	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7078	VCCCCY1HH270J	J	27p	50V	Ceramic	AA

RESISTORS

[M-Ox.··· Metal Oxide]

Ref. No.	Part No.	★				Code
R7001	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7003	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7004	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7009	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R7010	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R7020	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R7021	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7022	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7023	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R7024	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R7025	VRS-CY1JF224J	J	220k	1/16W	M-Ox.	AA
R7026	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R7027	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R7028	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7029	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R7030	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7031	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R7032	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R7033	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R7034	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R7036	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R7037	VRS-CY1JF202J	J	2.0k	1/16W	M-Ox.	AA
R7045	VRS-CY1JF202J	J	2.0k	1/16W	M-Ox.	AA
R7046	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7047	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7048	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R7049	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7051	VRS-CY1JF911J	J	910	1/16W	M-Ox.	AA
R7052	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7055	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R7056	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R7058	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7059	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7060	VRS-CY1JF911J	J	910	1/16W	M-Ox.	AA
R7062	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7064	VRS-CY1JF181J	J	180	1/16W	M-Ox.	AA
R7066	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R7067	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R7070	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7071	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7072	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7073	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R7074	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7077	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R7078	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7080	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7081	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7082	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7083	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code

PWB-L: DUNTK9890DE05
Y/C 3D UNIT (Continued)

R7085	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7086	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7087	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

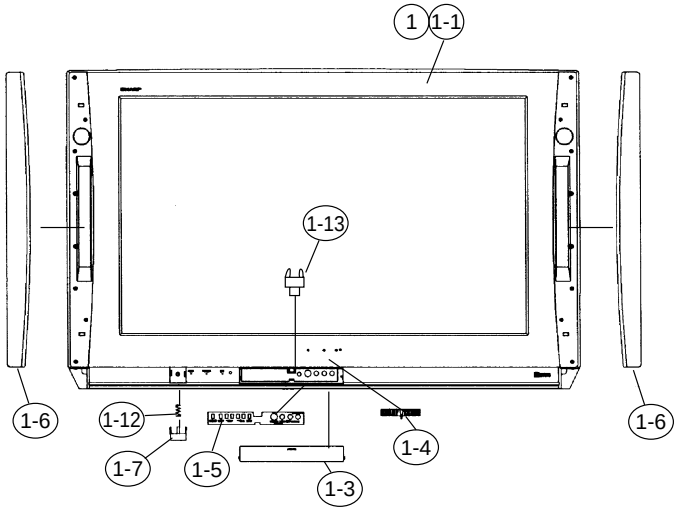
FB7050	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7051	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7052	RBLN-0061TAZZ	J	Ferrite Bead	AD
P7001	QPLGN0247FJ00	J	Plug, 15-pin (YC)	AF
SLD7001	PSLDM0286PEFW	J	Shield	AD
SLD7002	PSLDM0287PEFW	J	Shield	AD
SLD7003	PSLDM0288PEFW	J	Shield	AD

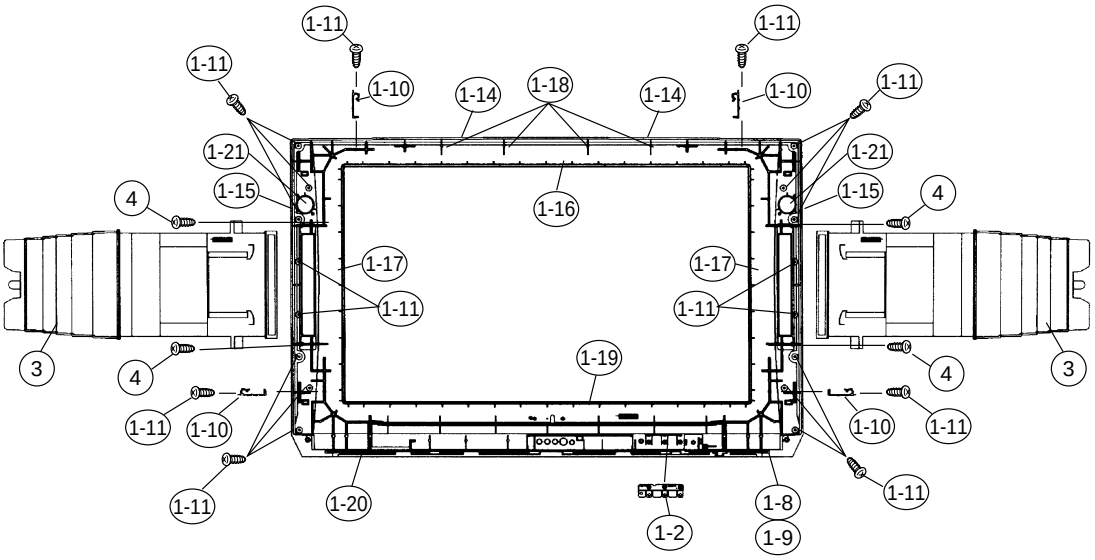
Ref. No.	Part No.	★	Description	Code

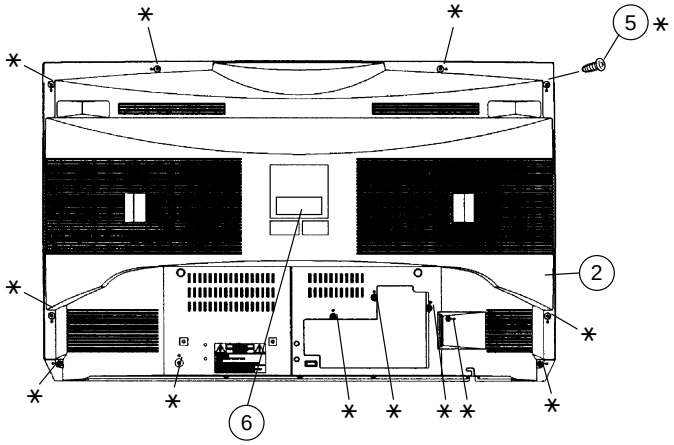
CABINET PARTS

1	CCABA2393CE01	J	Front Cabinet Ass'y	BU
1-1	*Not Available*	–	Front Cabinet	—
1-2	GCOVA1849CESA	J	LED Decoration, R/C Cover	AG
1-3	GDORF2049CEKA	J	Door	AG
1-4	HBDGD3122CESA	J	Badge, "SHARP"	AL
1-5	HiNDP4998CEKZ	J	Indication Plate, In Door	AH
1-6	HPNLS1033CEKA	J	Speaker Panel, x2	AV
1-7	JBTN-2044CESA	J	Power Button	AE
1-8	LHLDW1047CEUZ	J	Wire Holder, x2	AA
1-9	LHLDW1061GEZZ	J	Holder, x2	AA
1-10	LHLDW1218CEKZ	J	ADG Holder, x4	AC
1-11	LX-TZ3004CEFD	J	Screw, x26	AA
1-12	MSPRC0061CEFW	J	Spring, Power Button	AA
1-13	PKAi-1094CE00	J	Door Latch	AD
1-14	PSPAH0257CE00	J	Spacer (Top), x2	AC
1-15	PSPAH0297CE00	J	Spacer (Side), x2	AD
1-16	PSPAH0563CE00	J	Spacer (Mask-Top)	AE
1-17	PSPAH0564CE00	J	Spacer (Mask-Side), x2	AC
1-18	PSPAH0588CE00	J	Spacer (Rib), x4	AA
1-19	PSPAH0650CE00	J	Spacer (Mask-Under)	AC
1-20	TCAUH3087CEZZ	J	Caution Label	AE
1-21	VSP0036TB407S	J	Speaker, x2	AN
2	GCABB2278CEKA	J	Rear Cabinet	BM
3	RSP-Z0109CEZZ	J	Speaker Ass'y, x2	AZ
4	LX-TZ3096CEFD	J	Screw, x4	AB
5	XTASD40P25000	J	Screw, x13	AA
6	TLABM4182CEZZ	J	Model Label	AE

CABINET PARTS LOCATION







1	2	3	4	5	6

Ref. No.	Part No.	★	Description	Code

MISCELLANEOUS PARTS

⚠	QACCD3065CESA	J	AC Cord	AN
	RCORF0096CEZZ	J	Ferrite Core	AP
	PSLDM9190CEZZ	J	Shield	BA
	LHLDK0014PEZZ	J	AC Cord Holder	AD

Ref. No.	Part No.	★	Description	Code

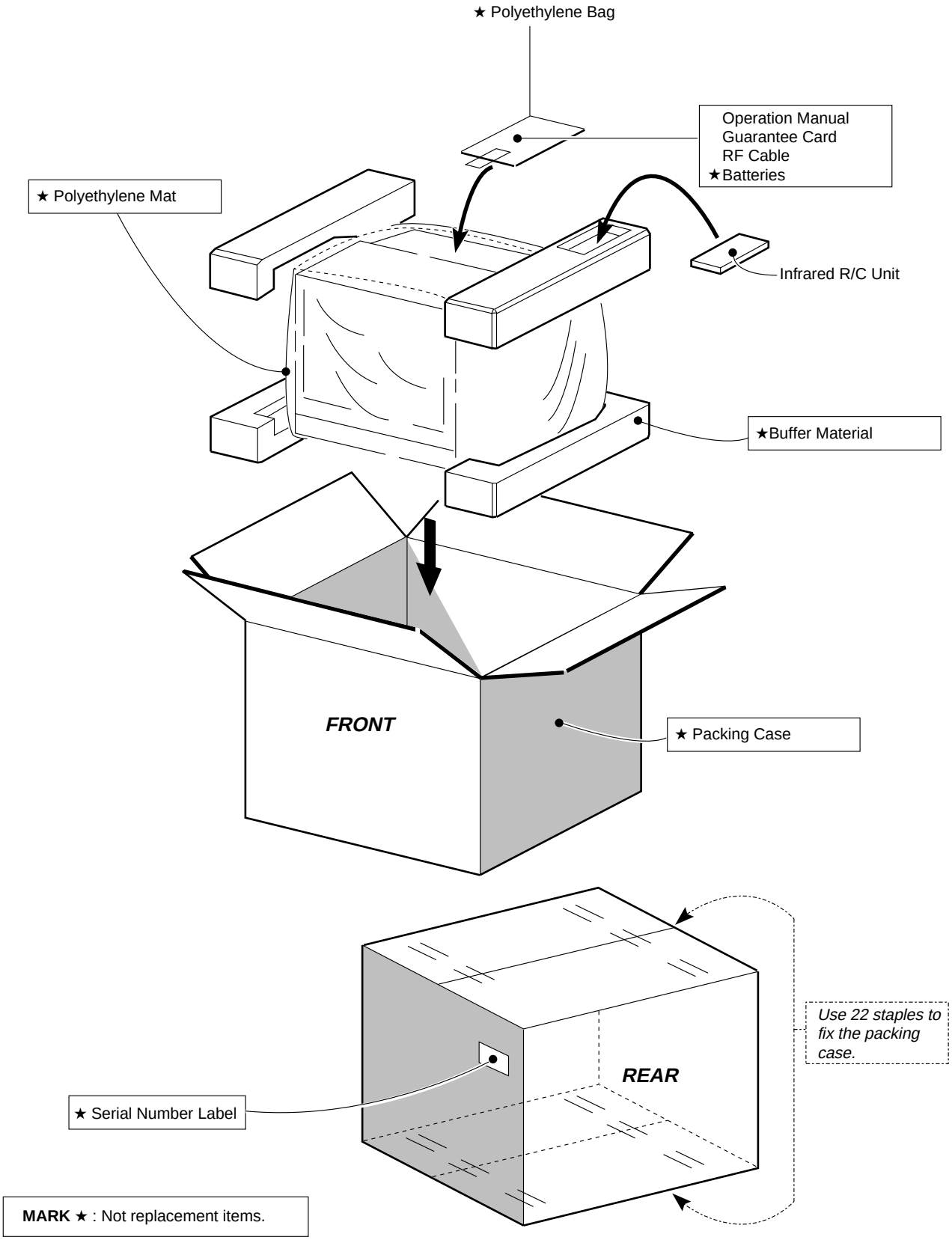
SUPPLIED ACCESORRIES

	TGAN-1548CEZZ	J	Guarantee Card	AK
	TiNS-6919CEZZ	J	Operation Manual	AV
	RRMCG1550CESA	J	Infrared R/C Unit	BG
	QCNW-7853GEZZ	J	RF Cable	AH

PACKING PARTS
(NOT REPLACEMANT ITEM)

	SPAKC5407CEZZ	–	Packing Case	—
	SPAKP0670CEZZ	–	Polyethylene Mat	—
	SPAKX2896CEZZ	–	Buffer Material	—
	SSAKA0170CEZZ	–	Polyethylene Bag	—

PACKING OF THE SET



MARK ★ : Not replacement items.

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